Baseline Water Quality Data

Inventory and Analysis

Katmai National Park and Preserve and Alagnak Wild River



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

KATMAI NATIONAL PARK AND PRESERVE AND ALAGNAK WILD RIVER

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 Katmai National Park and Preserve (KATM) and Alagnak Wild River (ALAG) 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 two industrial/municipal dischargers; no drinking water intakes; three inactive (since 1995) U.S. Geological Survey (USGS) stream gages; and no water impoundments. The results of the STORET retrieval for the study area yielded 28,334 observations for 350 separate parameters collected by the NPS, USGS, and EPA at 248 monitoring stations from 1953 through 1997. Approximately 98 percent of the 28,334 observations within the study area were entered by the NPS from data collected from 1957 through 1997. Of the 248 monitoring stations, 197 stations were located within the KATM park boundary (see Station Period of Record Tabulation). No monitoring stations were reported within the ALAG park boundary. Eleven NPS stations within the study area (all within the park boundaries) were established but did not contain data appropriate for statistical analysis.

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Thirteen stations within the study area (ten within the park boundaries) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the park boundaries are: (1) Brooks Lake (KATM 0222); (2) Naknek Lake (KATM 0200); (3) Battle Lake (KATM 0053); (4) Murray Lake (KATM 0073); (5) Kulik Lake (KATM 0071); (6) Idavain Lake (KATM 0223); and (7) Hammersly Lake (KATM 0090). The stations yielding the longer-term records within the study area, but outside of the park boundaries, are: (1) Alaskan Peninsula- offshore at Kaflia Bay (KATM 0021); (2) Alaskan Peninsula-offshore at Hallo Bay (KATM 0009); and (3) Alaskan Peninsula-offshore at Sukoi Bay (KATM 0001)[†].

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 KATM and ALAG water quality criteria screen found 12 groups of parameters that exceeded screening criteria at least once within the study area. The pH, chloride, arsenic, cadmium, copper, lead, selenium, and zinc exceeded their respective EPA criteria for the protection of

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

freshwater aquatic life. Chloride, nitrite, sulfate, arsenic, beryllium, cadmium, lead, and selenium exceeded their respective EPA drinking water criteria. Turbidity exceeded the WRD screening limit for aquatic life.

The pH was measured 999 times at 152 monitoring stations from 1953 through 1997. Of the 993 observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), 127 observations at 60 stations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life) from 1964 through 1992. One-hundred-twenty-five observations were less than or equal to pH 6.5 and two observations were greater than pH 9.0. One-hundred-twenty-six of the 127 observations outside the pH range of 6.5 to 9.0 SU were reported at 59 stations within the KATM boundary from 1975 through 1992. The lowest pH of 1.9 SU was reported within the KATM boundary southeast of the Valley of Ten Thousand Smokes (VTTS) in Crater Lake near the upwelling zone (KATM 0057) in July 1975. The highest pH of 9.3 SU was reported at two stations within the KATM boundary in Tony Malone's Lake (KATM 0237, KATM 0238) in August 1984.

Turbidity was measured 61 times at 45 monitoring stations from 1971 through 1992. Two concentrations at two stations within the KATM boundary, 210 Nephelometric Turbidity Units (NTU) in the Ukak River (KATM 0145) and 123 NTU in the Savonoski River (KATM 0139), exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units in August 1990.

Chloride concentrations (including dissolved and total) were measured 169 times at 121 monitoring stations from 1953 through 1992. Of the 168 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), five dissolved concentrations, ranging from 251 milligrams per liter (mg/L) to 1,750 mg/L at five stations within the KATM boundary, southeast of VTTS in Crater Lake at (KATM 0055) and near (KATM 0057) the upwelling zone and south of VTTS at hot springs near Mageik Creek (KATM 0098, KATM 0100, KATM 0102), exceeded the secondary drinking water criterion of 250 mg/L from 1975 through 1984. Two of these five concentrations, 1,350 mg/L and 1,750 mg/L in Crater Lake at (KATM 0055) and near (KATM 0057) the upwelling zone also exceeded the acute freshwater criterion of 860 mg/L in July 1975.

Sulfate concentrations (including dissolved and total) were measured 173 times at 124 monitoring stations from 1953 through 1992. Of the 172 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 12 dissolved concentrations at nine stations within the KATM boundary, in VTTS at mid-valley thermal springs (KATM 0123, KATM 0124, KATM 0126, KATM 0130), south of VTTS at hot springs near Mageik Creek (KATM 0098, KATM 0100, KATM 0102), and southeast of VTTS in Crater Lake at (KATM 0055) and near (KATM 0057) the upwelling zone, exceeded the secondary drinking water criterion of 250 mg/L from 1975 through 1991. The highest concentration of 1,250 mg/L was reported in Crater Lake at the upwelling zone (KATM 0055) in July 1975.

Total nitrite concentrations were measured 13 times at 13 monitoring stations within the KATM boundary from 1957 through 1986. Of the nine observations used in the criteria analysis (see Composite Type Screen in the Methodology for explanation), one observation of 1.054 mg/L in Kulik Lake (KATM 0074) exceeded the drinking water criterion of 1 mg/L in August 1984.

Arsenic concentrations (including dissolved and total) were measured 21 times at 21 monitoring stations from 1972 through 1991. Eight dissolved concentrations, ranging from 230 micrograms per liter (µg/L) to 1,340 µg/L at eight stations within the KATM boundary, south of VTTS at hot springs near Mageik Creek (KATM 0098, KATM 0100, KATM 0102, KATM 0103), in VTTS at mid-valley thermal springs (KATM 0123, KATM 0126, KATM 0128), and southeast of VTTS in Crater Lake (KATM 0062), exceeded the drinking water criterion of 50 µg/L from 1982 through 1989. Five of these eight concentrations also exceeded the acute freshwater criterion of 360 µg/L, including the highest concentration of 1,340 µg/L at a hot spring near Mageik Creek (KATM 0102) in August 1984.

Total recoverable beryllium concentrations were measured 172 times at 42 monitoring stations within the KATM boundary from 1990 through 1992. One concentration of 5 µg/L in One-Shot-Creek (KATM 0214) exceeded the drinking water criterion of 4 µg/L in August 1991.

Cadmium concentrations (including dissolved, total, and total recoverable) were measured 186 times at 56 monitoring stations from 1972 through 1992. Of the 185 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), two concentrations at two stations within the KATM boundary, 16 µg/L southeast of VTTS in Crater Lake (KATM 0062) and 9 µg/L in a tributary to Battle Lake (KATM 0041), exceeded the acute freshwater criterion of 3.9 µg/L and the drinking water criterion of 5 µg/L in August 1989 and August 1990, respectively.

Copper concentrations (including dissolved and total) were measured 22 times at 22 monitoring stations from 1972 through 1991. Six concentrations, ranging from 27 µg/L to 90 µg/L at six stations, within the KATM boundary in VTTS (KATM 0122, KATM 0150, KATM 0157), southeast of VTTS in Crater Lake (KATM 0062), and in the Ukak River (KATM 0143), and outside the park boundaries in the Kvichak River at Igiugig (KATM 0219), exceeded the acute freshwater criterion of 18 µg/L from 1972 through 1991. The highest concentration of 90 µg/L was reported in VTTS in the River Lethe approximately one mile downstream from the ford (KATM 0122) in June 1991.

Lead concentrations (including dissolved, total, and total recoverable) were measured 186 times at 56 monitoring stations from 1972 through 1992. Twenty-six total recoverable concentrations at ten stations within the KATM boundary, in Battle Lake (KATM 0047, KATM 0052, KATM 0063), Brooks Lake (KATM 0211, KATM 0212, KATM 0218), Lake Coville (KATM 0172), Lake Grosvenor (KATM 0166), a tributary to Kulik Lake (KATM 0045), and Kukaklek Lake (KATM 0165), exceeded the drinking water criterion of 15 µg/L from 1990 through 1992. The highest concentration of 90 µg/L, reported in the eastern part of Lake Coville (KATM 0172), also exceeded the acute freshwater criterion of 82 µg/L in July 1992.

Selenium concentrations (including dissolved and total) were measured 14 times at 14 monitoring stations from 1972 through 1991. One dissolved concentration of 108 µg/L within the KATM boundary southeast of VTTS in Crater Lake (KATM 0062) exceeded the acute freshwater criterion of 20 µg/L and the drinking water criterion of 50 µg/L in August 1989.

Zinc concentrations (including dissolved, total, and total recoverable) were measured 193 times at 63 monitoring stations from 1972 through 1992. Three concentrations, ranging from 126 µg/L to 317 µg/L at three stations within the KATM boundary, in Iron Springs Lake (KATM 0038), southeast of VTTS in Crater Lake (KATM 0062), and Up-A-Tree Creek near Brooks Lake (KATM 0208), exceeded the acute freshwater criterion of 120 µg/L from 1986 through 1990. The highest concentration of 317 µg/L was reported in Iron Springs Lake (KATM 0038) in August 1986.

The IDEA conducted for KATM and ALAG indicates that STORET data exist for 12 of the 13 Level I parameter groups in the study area. No STORET data exist for the parameter group Bacteria. Overall, approximately 94 percent of the observations for Level I parameter groups were recorded since 1985. Data for nine groups (Flow, Alkalinity, Dissolved Oxygen, Water Temperature, Clarity/Turbidity, Nitrate/Nitrogen, Phosphate/Phosphorus, Chlorophyll, and Toxic Elements) were recorded at less than half of the 248 monitoring stations. Relative to other parameter groups with data, data were limited for the groups Flow and Chlorophyll. Results for 19 of the 126 EPA priority toxic pollutants (consisting of organic parameters and metals) were retrieved from STORET.

Surface water resources in the KATM and ALAG study area include the Pacific Ocean; Shelikof Strait; Kamishak, Hallo, Katmai, and other bays; Alagnak, Katmai, Ukak, Kamishak, and many other rivers; Alagogshak, American, Mageik, Headwater, and numerous other creeks; Naknek, Brooks, Nonvianuk, Battle, and numerous other freshwater lakes; many marshes and fresh or saline wetlands; meltwater from retreating glaciers; and numerous cold and hot springs. Some of these water resources are influenced by tidal flow and contain fresh and saline waters in transition. The data inventories and analyses contained in this report indicate that surface waters within the study area appear to be generally of good quality with some impacts from natural and human activities, particularly the KATM coastal shores from the Exxon Valdez oil tanker spill in 1989. Potential natural sources of contaminants include geothermal activity and erosion from spring runoff and retreating glaciers. Potential anthropogenic sources of contaminants include wastewater discharges; stormwater runoff; oil tanker and other marine traffic; floatplane traffic; commercial

fishing operations; oil and gas exploration; military activities; landfill operations; 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) 44
Industrial Facilities Discharges, Drinking Water Intakes, Water Gages,
and Water Impoundments Table 47
Representative Mean Annual Hydrograph for Seasonal Analysis 48
Contacts for Agency Codes Retrieved 49
Quantity of Data Retrieved by Agency Code 50
Station Period of Record Tabulation 51
Parameter Period of Record Tabulation 55
Station/Parameter Period of Record Tabulation 60
Station-By-Station Results 197
KATM0001 Alaskan Peninsula; Offshore 199
KATM0002 Alaskan Peninsula; Offshore 201
KATM0003 Alaskan Peninsula; Offshore 203
KATM0004 Alaskan Peninsula; Offshore 205
KATM0005 Alaskan Peninsula; Offshore 207
KATM0006 Alaskan Peninsula; Offshore 209
KATM0007 Alaskan Peninsula; Offshore 211
KATM0008 Alaskan Peninsula; Offshore 213
KATM0009 Alaskan Peninsula; Offshore 215
KATM0010 Alaskan Peninsula; Offshore 217
KATM0011 Alaskan Peninsula; Offshore 219
KATM0012 Alaskan Peninsula; Offshore 221
KATM0013 Alaskan Peninsula; Offshore 223
KATM0014 Alaskan Peninsula; Offshore 225
KATM0015 Alaskan Peninsula; Offshore 227
KATM0016 Alaskan Peninsula; Offshore 229
KATM0017 Alaskan Peninsula; Offshore 231
KATM0018 Alaskan Peninsula; Offshore 233
KATM0019 Alaskan Peninsula; Offshore 235
KATM0020 Kuguyak Caldera Lake; Southeastern Area 237
KATM0021 Alaskan Peninsula; Offshore 239
KATM0022 Alaskan Peninsula; Offshore 241
KATM0023 Alaskan Peninsula; Offshore 243
KATM0024 Alaskan Peninsula; Offshore 245
KATM0025 Paint R Nr Kamishak AK 247
KATM0026 Alaskan Peninsula; Offshore 248
KATM0027 Alaskan Peninsula; Offshore 250
KATM0028 Alaskan Peninsula; Offshore 252
KATM0029 Alaskan Peninsula; Offshore 254
KATM0030 Alaskan Peninsula; Offshore 256
KATM0031 Alaskan Peninsula; Offshore 258
KATM0032 Alaskan Peninsula; Offshore 260
KATM0033 Pirate Lake 262

KATM0034 Battle Lake Stream 2 263
KATM0035 Kulik Lake Stream 5 266
KATM0036 Kulik Lake Stream 6 267
KATM0037 Kulik Lake 4 269
KATM0038 Iron Springs Lake 271
KATM0039 Kulik Lake Stream 7 273
KATM0040 Battle Lake East 275
KATM0041 Battle Lake Stream 3 276
KATM0042 Kulik Lake 1990 Sampling Station 279
KATM0043 Battle Lake Stream 4 282
KATM0044 Kulik Lake Stream 3 285
KATM0045 Kulik Lake Stream 8 286
KATM0046 Battle Lake 288
KATM0047 Battle Lake 1992 Sampling Station 290
KATM0048 Battle Lake Stream 1 293
KATM0049 Alaskan Peninsula; Offshore 296
KATM0050 Alaskan Peninsula; Offshore 298
KATM0051 Kulik Lake Stream 9 300
KATM0052 Battle Lake 1991 Sampling Station 301
KATM0053 Battle Lake 304
KATM0054 Battle Lake Stream 5 315
KATM0055 Katmai Caldera Lake (Crater Lake) 318
KATM0056 Kulik Lake Stream 10 320
KATM0057 Katmai Caldera Lake (Crater Lake) 321
KATM0058 Kulik Lake 1992 Sampling Station 323
KATM0059 Battle Lake West 326
KATM0060 Alaskan Peninsula; Offshore 327
KATM0061 Alaskan Peninsula; Offshore 329
KATM0062 Mt. Katmai Caldera Carter Lake; Southern Area 331
KATM0063 Battle Lake 1990 Sampling Station 333
KATM0064 Kulik Lake Stream 2 336
KATM0065 Battle River 337
KATM0066 Alaskan Peninsula; Offshore 340
KATM0067 Alaskan Peninsula; Offshore 342
KATM0068 Kulik Lake 344
KATM0069 Alaskan Peninsula; Offshore 345
KATM0070 Alaskan Peninsula; Offshore 347
KATM0071 Kulik Lake 349
KATM0072 Murray Lake 1990 and 1991 Sampling Stations 355
KATM0073 Murray Lake 358
KATM0074 Kulik Lake 369
KATM0075 Kulik Lake 1991 Sampling Station 371
KATM0076 Kulik Lake Stream 11 374
KATM0077 Kulik Lake Stream 1 376
KATM0078 Murray Lake 378
KATM0079 Murray Lake 380
KATM0080 Alaskan Peninsula; Offshore 381
KATM0081 Alaskan Peninsula; Offshore 383
KATM0082 Murray Lake 1992 Sampling Station 385
KATM0083 Upper Knife Creek Below Katmai Volcano Glaciers 388
KATM0084 Alaskan Peninsula; Offshore 390
KATM0085 Upper Knife Creek Below Katmai Volcano Glaciers 392
KATM0086 Upper Knife Creek Draining Katmai Glacier 394
KATM0087 The Turtle Northeast of the Novarupta Dome 396

KATM0088 Upper Knife Creek Below Katmai Volcano Glaciers 398
KATM0089 Upper Knife Creek Below Katmai Volcano Glaciers 400
KATM0090 Hammersly Lake 402
KATM0091 Head of Upper Knife Creek 408
KATM0092 Kulik River Near Kulik Lodge 410
KATM0093 Kulik River Near Kulik Lodge 414
KATM0094 Kulik River Near Kulik Lodge 418
KATM0095 Hammersly Lake 422
KATM0096 Alaskan Peninsula; Offshore 424
KATM0097 Hammersly Lake 426
KATM0098 Hot Spring at North Side of Mageik Creek 427
KATM0099 Thermal Spring 429
KATM0100 Hot Spring at North Side of Mageik Creek 431
KATM0101 Hammersly Lake 1992 Sampling Station 433
KATM0102 Hot Spring at North Side of Mageik Creek 436
KATM0103 Warm Spring at the South Side of Katmai Pass 438
KATM0104 Unnamed Stream at the Novarupta Basin 440
KATM0105 Hammersly Lake 1991 Sampling Stations 442
KATM0106 Snowmelt in Novarupta Dome 445
KATM0107 Nonvianuk Lake 1990 Sampling Station 447
KATM0108 Pond West of Tephra Ring at the Novarupta Basin 450
KATM0109 Novarupta Basin West Side of Vent Region 452
KATM0110 Juhle Fork Stream Near the VTTS 454
KATM0111 Nonvianuk Lake Stream 1 456
KATM0112 Grosvenor Lake 457
KATM0113 Stream Between Juhle and Griggs 458
KATM0114 Juhle Fork Stream Above Falls 460
KATM0115 Nonvianuk Lake Stream 2 462
KATM0116 Nonvianuk Lake 463
KATM0117 East Lake Mageik at Waterline Terminus 465
KATM0118 Cold Spring Above Juhle Fork Near the VTTS 467
KATM0119 Upper River Lethe Upstream of Ford at the VTTS 469
KATM0120 Kukaklek Lake 471
KATM0121 Upper River Lethe at Ford at the VTTS 472
KATM0122 River Lethe 1 Mile Downstream From Ford 474
KATM0123 Southernmost Mid-Valley Thermal Spring 476
KATM0124 Mid-Valley Thermal Spring Near Station T1-4 478
KATM0125 River Lethe at the Ash-Flow Site 480
KATM0126 Middle Mid-Valley Thermal Spring at the VTTS 482
KATM0127 Midvalley Thermal Spring 484
KATM0128 Middle Mid-Valley Thermal Spring at the VTTS 486
KATM0129 Midvalley Thermal Spring 488
KATM0130 Northern Mid-Valley Thermal Spring at the VTTS 490
KATM0131 East Fork of the Upper River Lethe at the VTTS 492
KATM0132 Upper River Lethe Upstream of Ford at the VTTS 494
KATM0133 West Fork of the Upper River Lethe at the VTTS 496
KATM0134 Nonvianuk Lake Stream 3 498
KATM0135 Thermal Spring at NE Bank of River Lethe 499
KATM0136 Thermal Spring at SW Bank of River Lethe 501
KATM0137 Unnamed Stream Near 6 Mile Camp 503
KATM0138 Buttress Spring Near the River Lethe at the VTTS 505
KATM0139 Savonoski River 507
KATM0140 Stream Draining Buttress Range at VTTS 509
KATM0141 Kukaklek Lake 1991 Sampling Station 511

KATM0142 An Unnamed Creek Upstream of the Ash-Flow 514
KATM0143 Ukak River 516
KATM0144 Ukak River North of the VTTS at Toe of Ash Flow 518
KATM0145 Ukak River 520
KATM0146 Lower Knife Creek Above Three Forks at the VTTS 523
KATM0147 Lower River Lethe at the VTTS 525
KATM0148 Windy Creek Above Ash-Flow 527
KATM0149 Nonvianuk Lake Stream 4 529
KATM0150 Knife Creek at Three Forks 530
KATM0151 Lower Knife Creek at Three Forks at the VTTS 532
KATM0152 Kukaklek Lake 534
KATM0153 Kukaklek Lake 1990 Sampling Station 535
KATM0154 Windy Creek Near Ukak River at VTTS 538
KATM0155 Windy Creek at Ford at the VTTS 540
KATM0156 Cold Spring at Ukak River Trail 542
KATM0157 Fresh Water Spring 544
KATM0158 Kukaklek Lake 546
KATM0159 Ukak River Near the Footbridge at the VTTS 548
KATM0160 Windy C Tr Nr Brooks Camp AK 550
KATM0161 Cold Spring on Windy Creek Trail 552
KATM0162 Bay of Islands Tr Nr Brooks Camp AK 554
KATM0163 Nonvianuk Lake 556
KATM0164 Nonvianuk Lake 1991 and 1992 Sampling Stations 557
KATM0165 Kukaklek Lake 1992 Sampling Station 560
KATM0166 Grosvenor Lake West Sampling Station 563
KATM0167 Grosvenor Lake 566
KATM0168 Grosvenor River Near Grosvenor Lake Lodge 570
KATM0169 Grosvenor River Near Grosvenor Lake Lodge 574
KATM0170 Grosvenor River Near Grosvenor Lake Lodge 578
KATM0171 Nonvianuk Lake 582
KATM0172 Coville Lake East Sampling Station 584
KATM0173 Coville Lake 587
KATM0174 Margot Creek 591
KATM0175 Margot C Tr Nr Brooks Camp AK 593
KATM0176 Coville Lake 595
KATM0177 Coville Lake 596
KATM0178 Naknek Lake Station B 598
KATM0179 Alaskan Peninsula; Offshore 599
KATM0180 American Creek 601
KATM0181 Iliuk Arm Naknek Lk Nr Brooks Camp AK 604
KATM0182 Alagnak River 606
KATM0183 Naknek Lake Station A 608
KATM0184 Naknek Lk at Brooks Camp AK 609
KATM0185 Brooks River Less Than 100 Yards From the Mouth 611
KATM0186 Naknek Lake Near Brooks River 615
KATM0187 Naknek Lake Northwest of Brooks River 619
KATM0188 Naknek Lake 300 Feet South of Brooks Lodge 623
KATM0189 Naknek Lake Near the South Side of Brooks Lodge 624
KATM0190 Naknek Lake 100 Feet North of the Visitor Center 625
KATM0191 Naknek Lake in Front of Generator Bld. Path 626
KATM0192 Naknek Lake 50 Ft N. of Generator Bld. Path 627
KATM0193 Naknek Lake 200Ft N. of Generator Bld. Path 628
KATM0194 Naknek Lake 75Ft S. of Generator Bld. 629
KATM0195 Naknek Lake 200Ft S. of the Generator Building 630

KATM0196 Naknek Lake 150Ft N. of Generator Bld. Path 631
KATM0197 Naknek Lake 75Ft N. of Generator Bld. Path 632
KATM0198 Naknek Lake 100 Ft S. of Generator Bld. 633
KATM0199 Naknek Lake 400 Ft N. of Generator Bld. Path 634
KATM0200 Naknek Lake 635
KATM0201 Brooks R Nr King Salmon AK 646
KATM0202 Brooks Lake Shoreline Near Brooks River 648
KATM0203 Brooks Lake Near Brooks River 652
KATM0204 Brooks Lake South of the Brooks River Mouth 656
KATM0205 Brooks River Near Brooks Lake Inlet 660
KATM0206 Brooks River 661
KATM0207 Up-A-Tree Creek Near Brooks Lake Inlet 663
KATM0208 Up-A-Tree-Creek/Brooks Lake Stream 2 664
KATM0209 Brooks Lake Station 1 667
KATM0210 Brooks Lake Stream 7 668
KATM0211 Brooks Lake 1992 Sampling Station 670
KATM0212 Brooks Lake 1991 Sampling Station 673
KATM0213 Brooks Lake Station 2 676
KATM0214 One-Shot-Creek/Brooks Lake Stream 3 677
KATM0215 One-Shot-Creek Near Brooks Lake Inlet 680
KATM0216 Naknek Lake 1990-1992 Sampling Stations 681
KATM0217 Brooks Lake Station 3 684
KATM0218 Brooks Lake 1990 Sampling Station 685
KATM0219 Kvichak R at Igiugig AK 688
KATM0220 Brooks Lake 713
KATM0221 Brooks Lake Stream 6 714
KATM0222 Brooks Lake 716
KATM0223 Idavain Lake 727
KATM0224 Iguigig/State Operated School 733
KATM0225 Broooks Lake 735
KATM0226 Hidden Creek 736
KATM0227 Hidden Creek Near Brooks Lake Inlet 739
KATM0228 Idavain Lake Sampling Station 740
KATM0229 Naknek Lake 743
KATM0230 West Creek Near Brooks Lake Inlet 744
KATM0231 West Creek/Brooks Lake Stream 5 745
KATM0232 Idavain Lake 748
KATM0233 Brooks Lake Station 4 750
KATM0234 Headwater Creek Near Brooks Lake Inlet 751
KATM0235 Headwater Creek/Brooks Lake Stream 4 752
KATM0236 Last Trib. To Headwater Crk Above Brooks Lake 755
KATM0237 Tony Malone's Lake 756
KATM0238 Tony Malone's Lake 757
KATM0239 Cat Creek 758
KATM0240 Pecker Lake 760
KATM0241 Naknek River Near Lake Camp 762
KATM0242 Naknek River Near Lake Camp 766
KATM0243 Naknek River Near Lake Camp 770
KATM0244 Alagnak Wild River West of Nonvianuk Camp 774
KATM0245 Alagnak Wild River West of Nonvianuk Camp 778
KATM0246 Alagnak Wild River West of Nonvianuk Camp 782
KATM0247 Naknek R at King Salmon AK 786
KATM0248 Eskimo C at King Salmon AK 788
EPA Water Quality Criteria Analysis for Entire Park Study Area 793

NPS Servicewide Inventory and Monitoring Program
"Level I" Water Quality Inventory Data Evaluation and Analysis (IDEA) 795
Water Quality Observations Outside STORET Edit Criteria for Park 800

V. APPENDICES 801
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.

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

Elizabeth Eisenhauer, Bill Folsom, Scott Ratchford, Jeff Ketcham, Valdete Celaj, Sonny Emmert, Matt Kunze, Chris Woodward, Nils Babel, and Greg Johnson provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Kelli O'Connor, J. Chris Echohawk, Curtis Cooper, Mary Beth Talty, Rich Henderson, Kristie Maczko, Ryan Shy, Margaret Matter, Lisa Dummer, Adriane Petersen, Ronda Burns, Eric Janney, Aria Brissette, Shawndra Mawhorter, Melanie Schnier, and John Carillo 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.

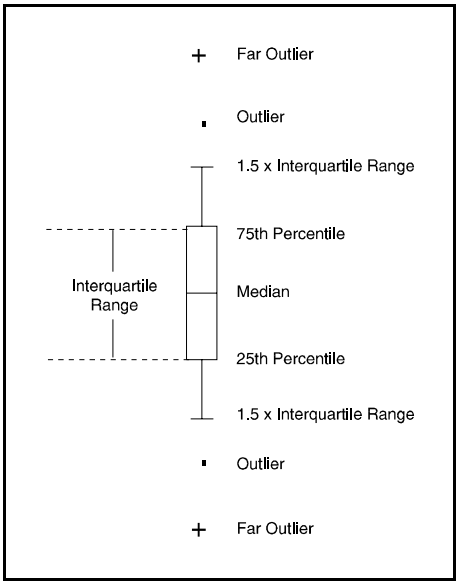
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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 KATM/ALAG

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:	6434370	4123414
# STORET Stations:	248	197
# Stations With No Data:	0	0
# Stations With No Stat. Analysis:	11	11
# Longer Term Stations:	13	10
Date of STORET Retrieval:	11/09/99	11/09/99
Period of Record:	09/08/53-09/15/97	09/08/53-09/15/97
# Parameters Measured:	350	316
# Water Quality Observations:	28334	19087
# Industrial/Municipal Facilities:	2	0
# Drinking Water Intakes:	0	0
# Water Gages:	3	0
# Water Impoundments:	0	0
# Total Plots:	83	57
# Time Series:	65	39
# Annual:	18	18
# Seasonal:	0	0

Hydrologic Definition of Seasons:

1. July 20 - October 14
2. October 15 - February 19
3. February 20 - May 9
4. May 10 - July 19

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 2 years and at least 8 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 4 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.

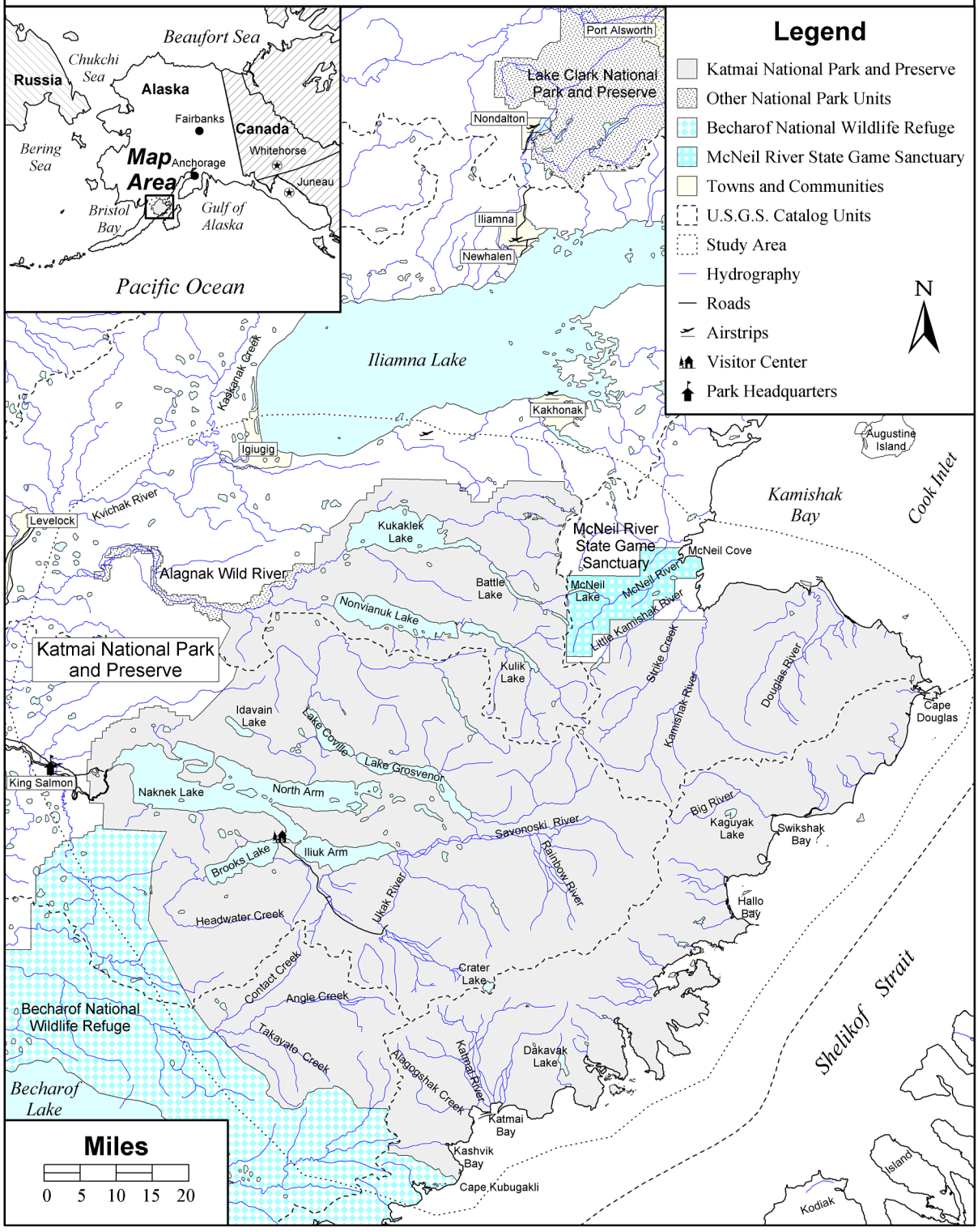
Seasonal Analysis Criteria:

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 2 years and observations in at least 4 of the 2 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.

Katmai National Park and Preserve

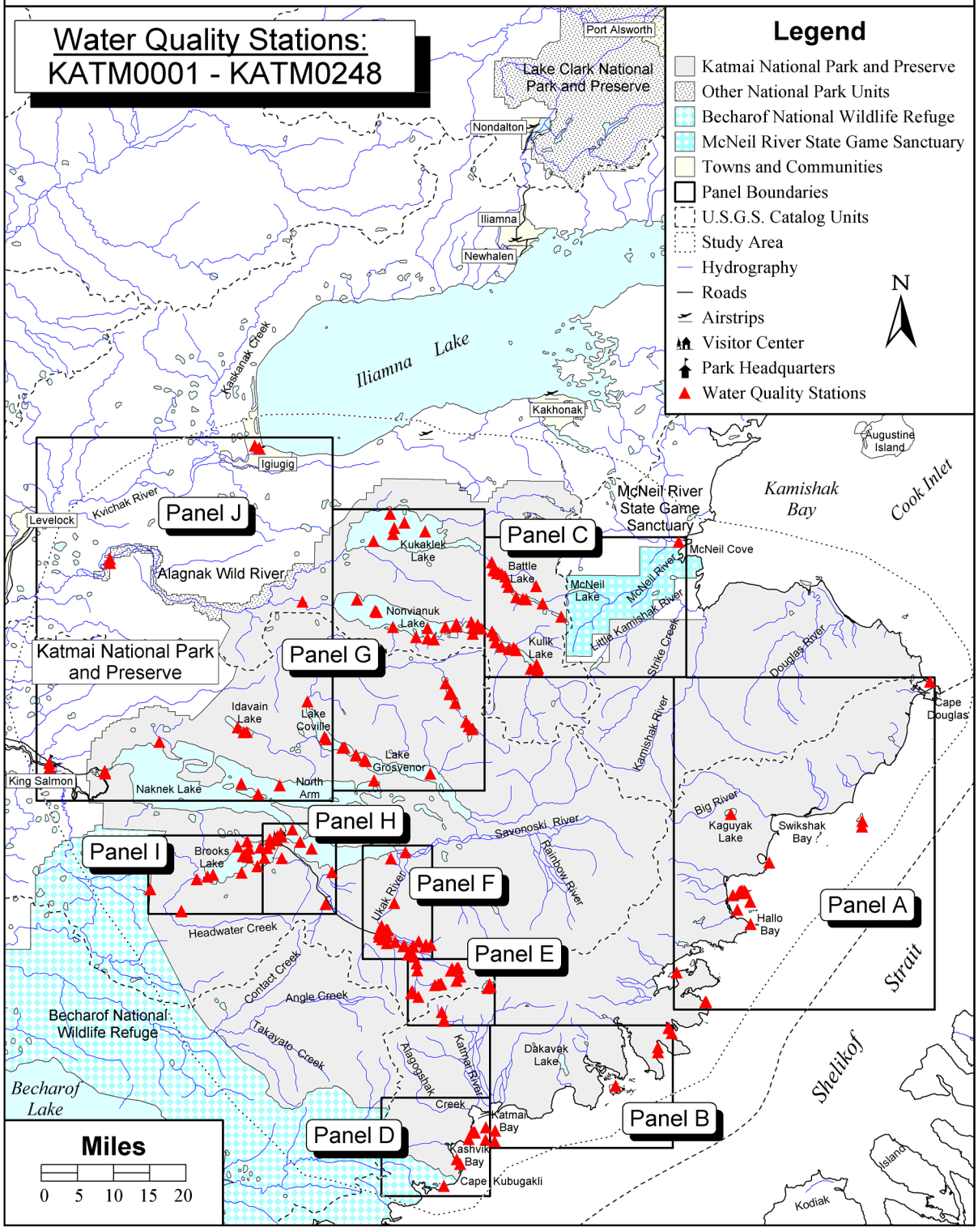
Regional Location Map



Katmai National Park and Preserve

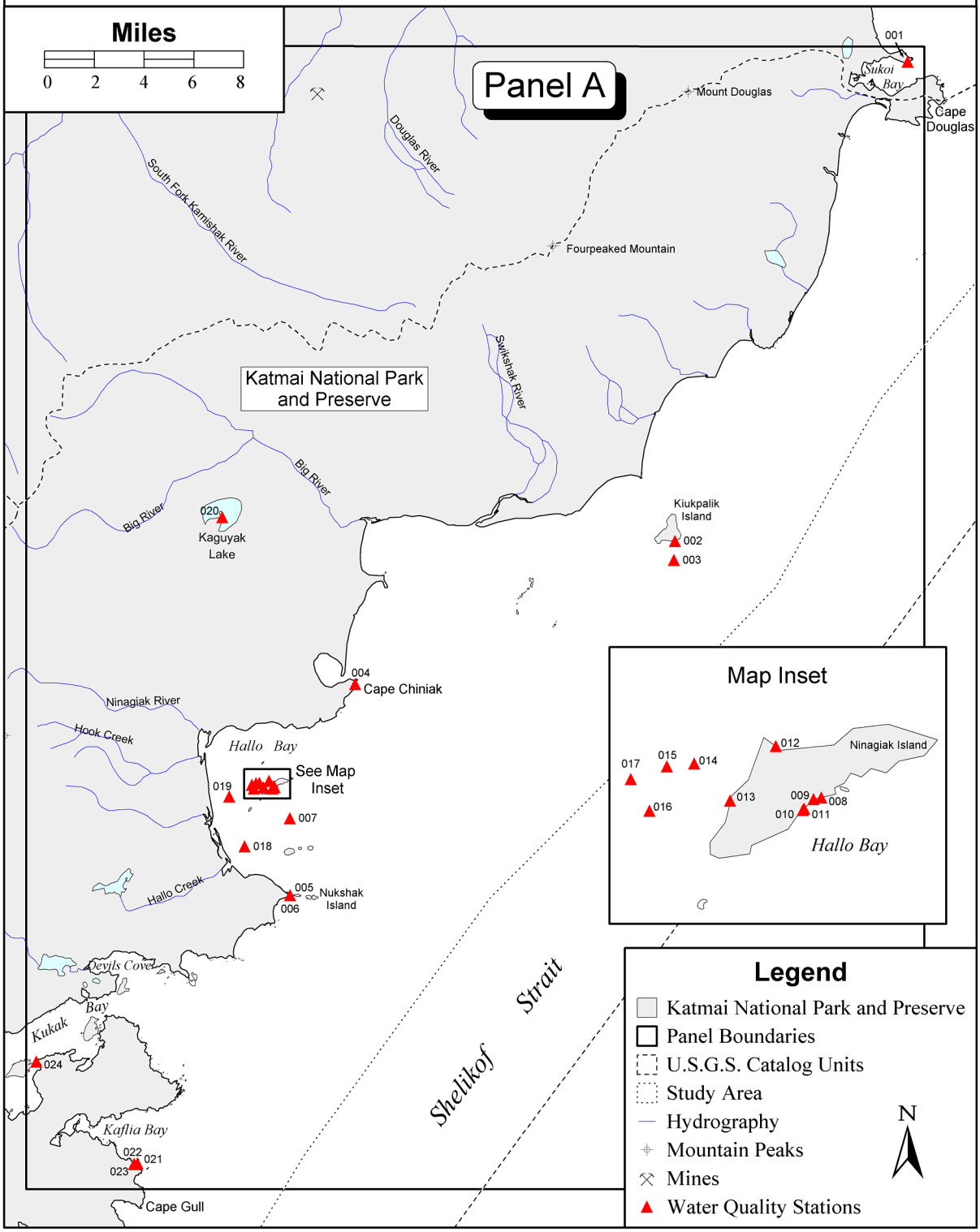
Water Quality Monitoring Locations

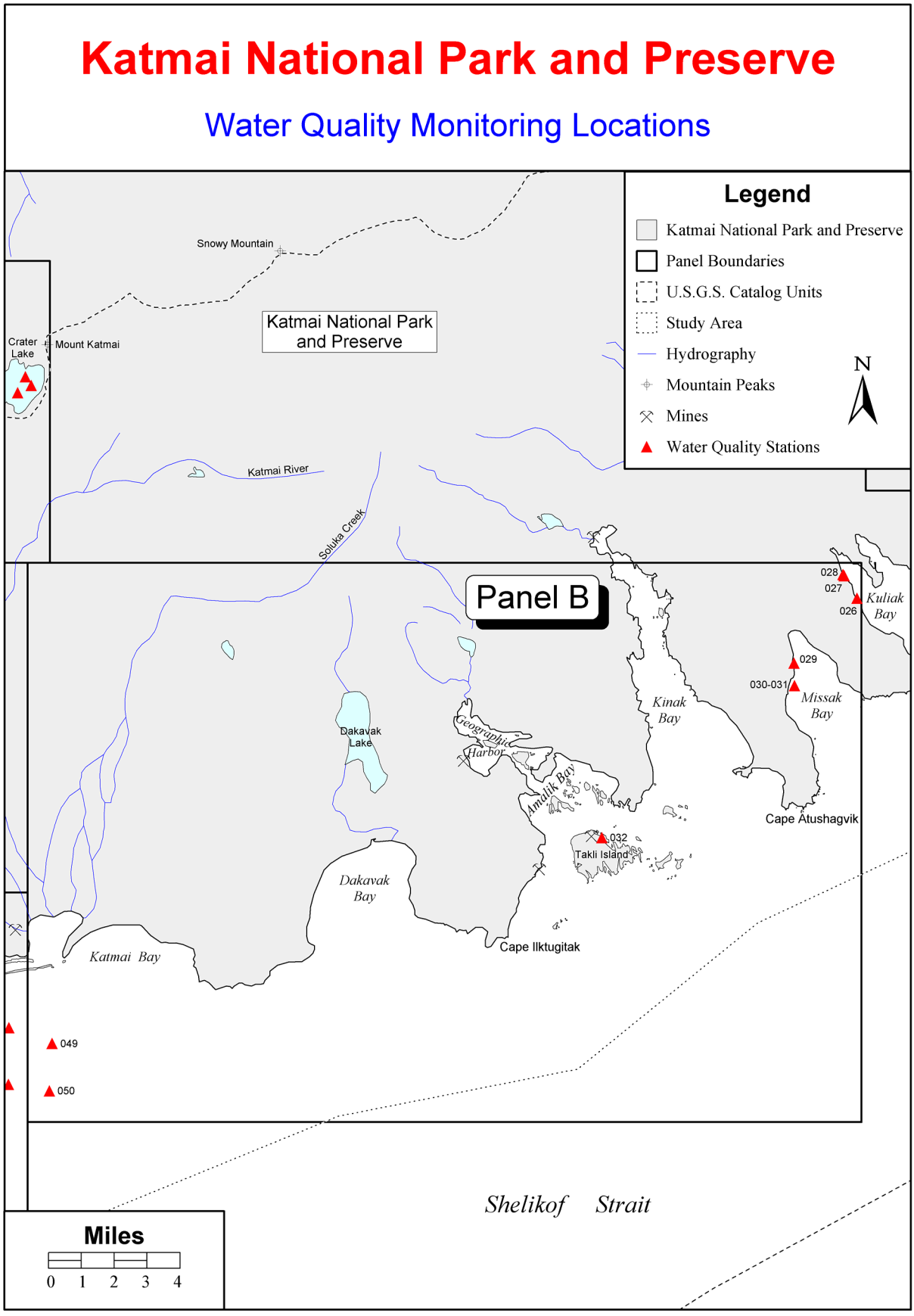
Graphic Panel Index



Katmai National Park and Preserve

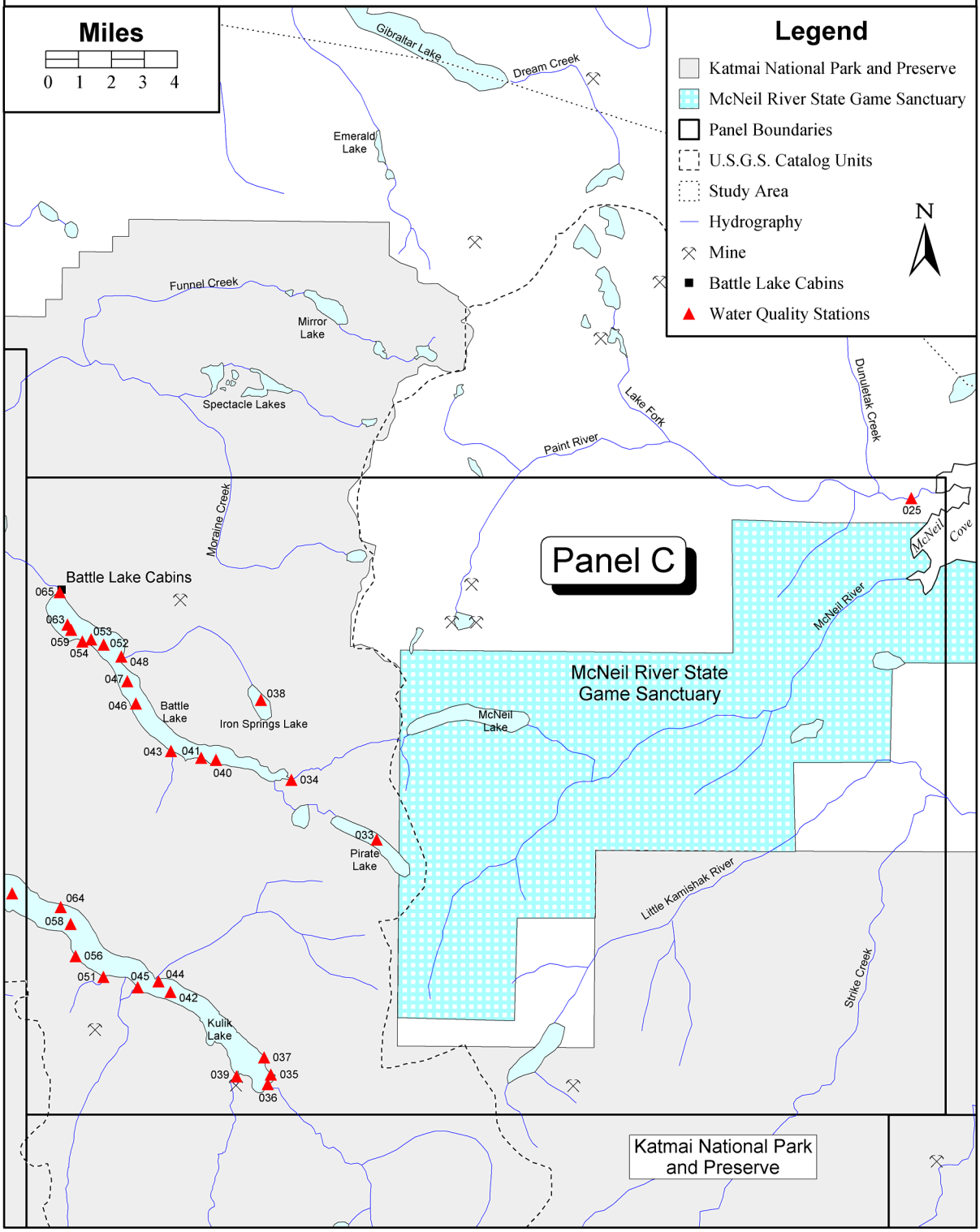
Water Quality Monitoring Locations

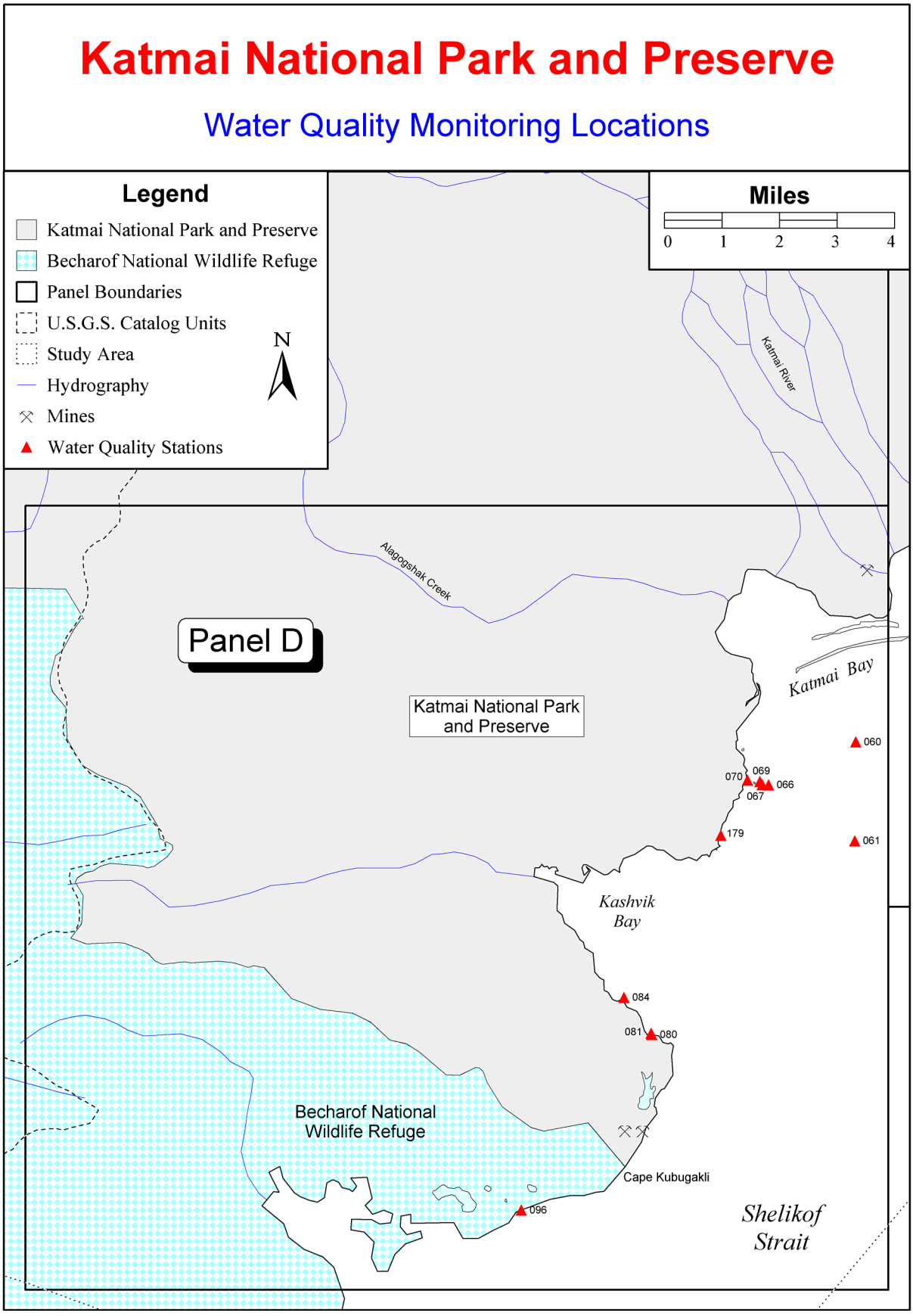


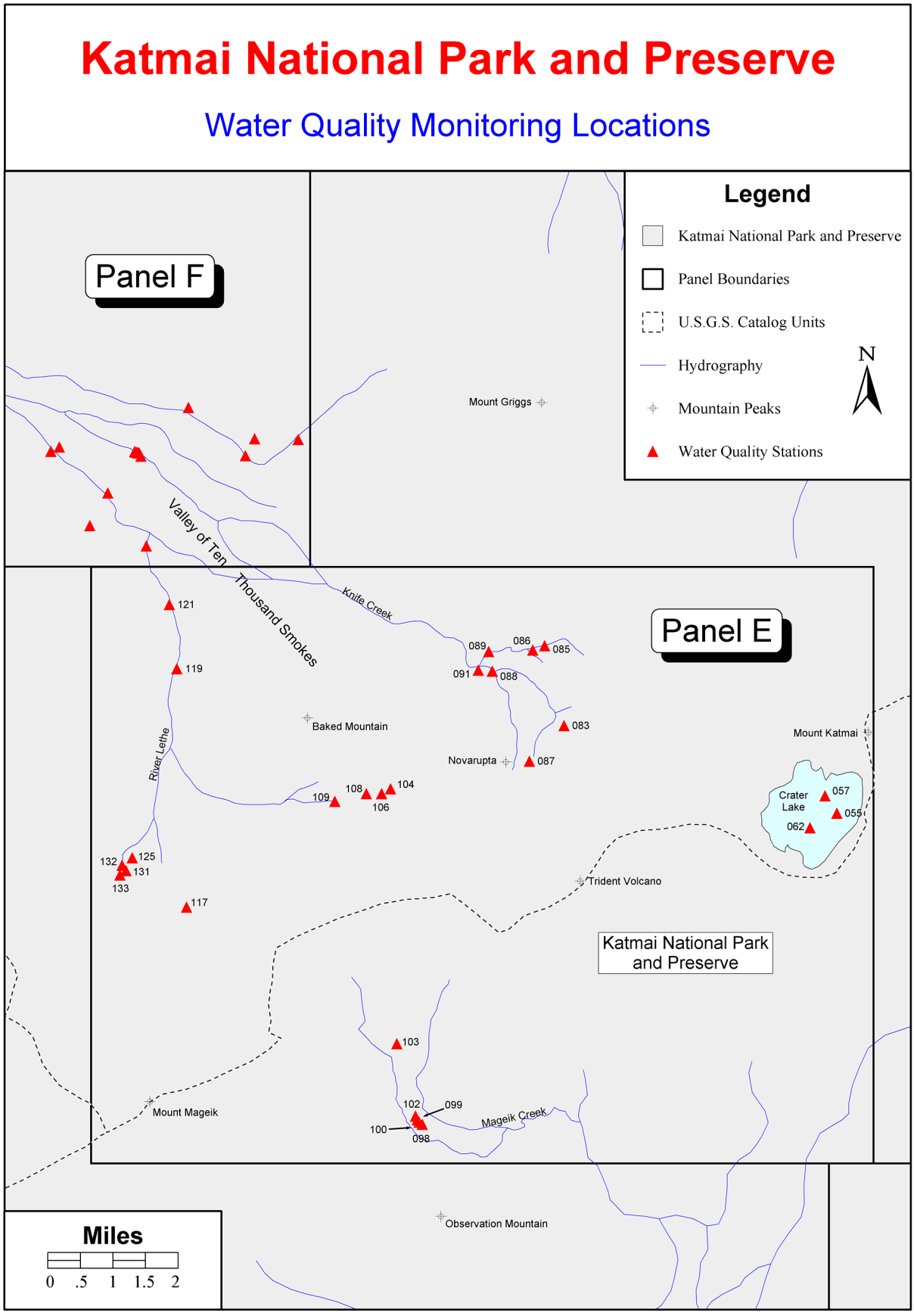

Katmai National Park and Preserve
Water Quality Monitoring Locations
Legend
Katmai National Park and Preserve
Panel Boundaries
U.S.G.S. Catalog Units
Study Area
Hydrography
Mountain Peaks
Mines
Water Quality Stations
N
Snowy Mountain
Katmai National Park and Preserve
Crater Lake
Mount Katmai
Katmai River
Soluka Creek
Panel B
028
027
026
Kuliak Bay
029
030-031
Missak Bay
Kinak Bay
Dakavak Lake
Geographic Harbor
Amalik Bay
Cape Atushagvik
032
Takli Island
Dakavak Bay
Cape Ilktugitak
Katmai Bay
049
050
Shelikof Strait
Miles
0 1 2 3 4

Katmai National Park and Preserve

Water Quality Monitoring Locations

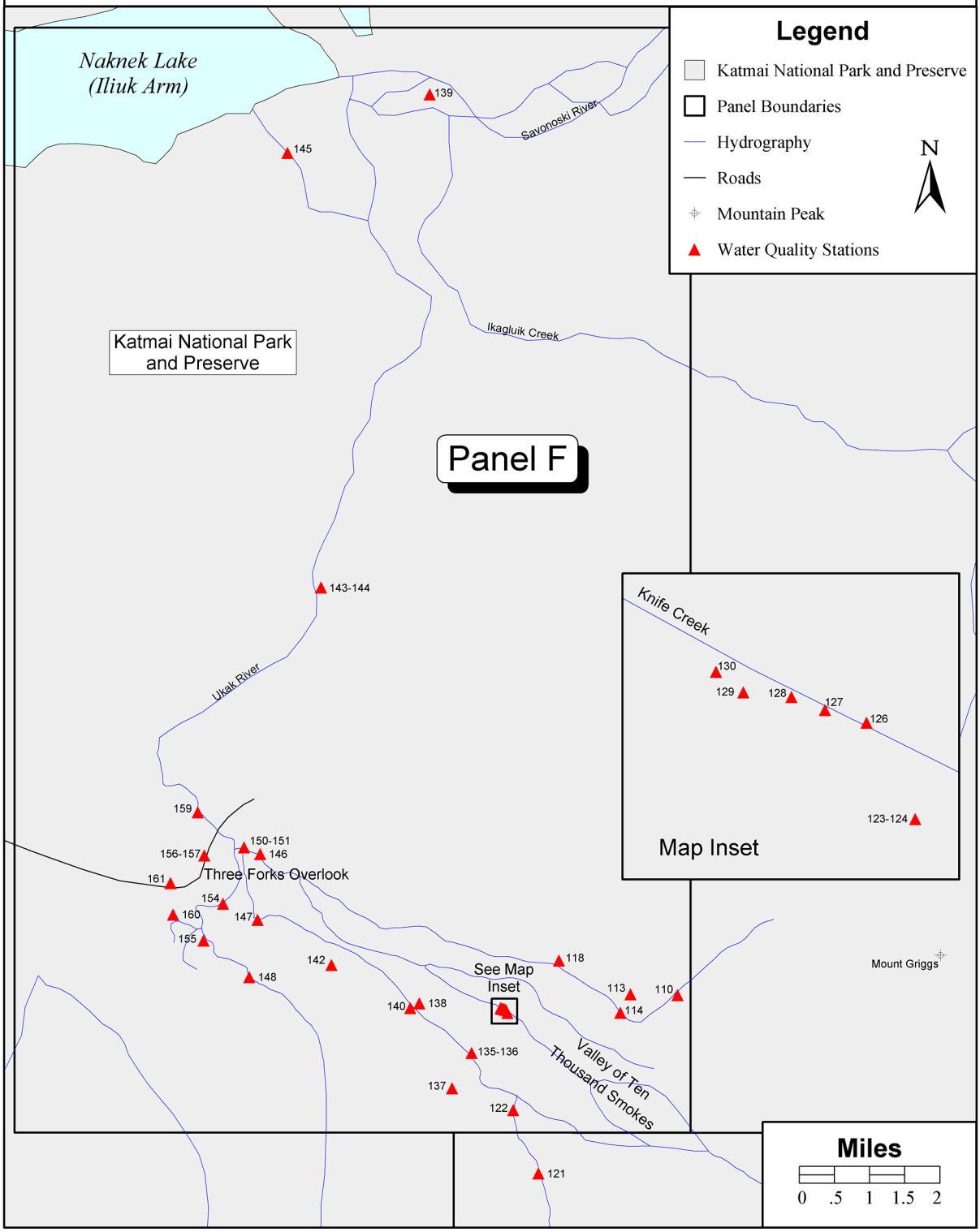



Katmai National Park and Preserve
Water Quality Monitoring Locations
Legend
Katmai National Park and Preserve
Becharof National Wildlife Refuge
Panel Boundaries
U.S.G.S. Catalog Units
Study Area
Hydrography
Mines
Water Quality Stations
N
Miles
0 1 2 3 4
Katmai River
Alagogshak Creek
Panel D
Katmai National Park and Preserve
Katmai Bay
060
070
069
066
067
179
061
Kashvik Bay
084
081
080
Becharof National Wildlife Refuge
Cape Kubugakli
096
Shelikof Strait


Katmai National Park and Preserve
Water Quality Monitoring Locations
Legend
Katmai National Park and Preserve
Panel Boundaries
U.S.G.S. Catalog Units
Hydrography
Mountain Peaks
Water Quality Stations
N
Panel F
Panel E
Mount Griggs
Valley of Ten Thousand Smokes
Knife Creek
River Lethe
Baked Mountain
Novarupta
Mount Katmai
Crater Lake
Trident Volcano
Katmai National Park and Preserve
Mount Mageik
Mageik Creek
Observation Mountain
121
119
089
086
085
091
088
083
087
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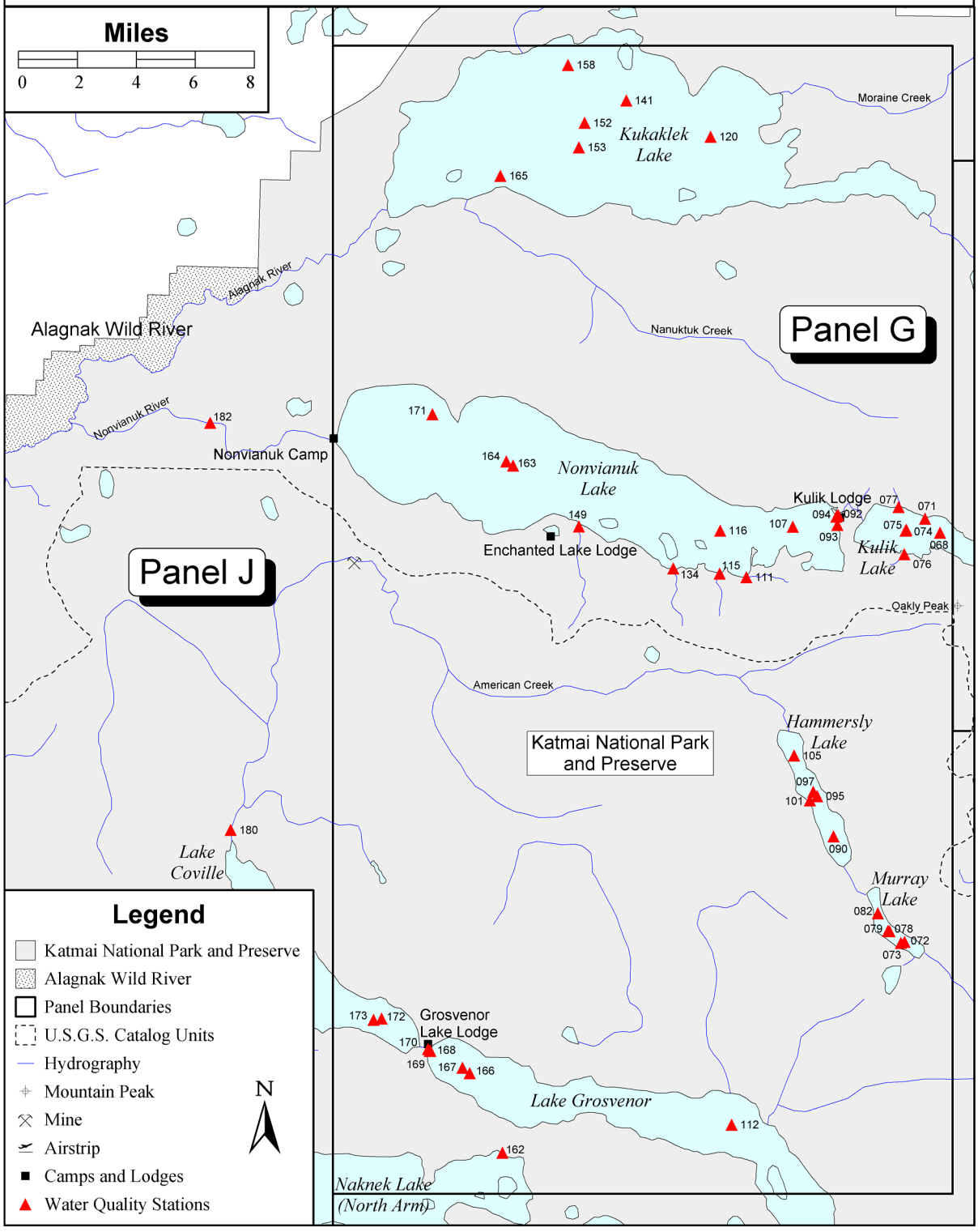
Katmai National Park and Preserve

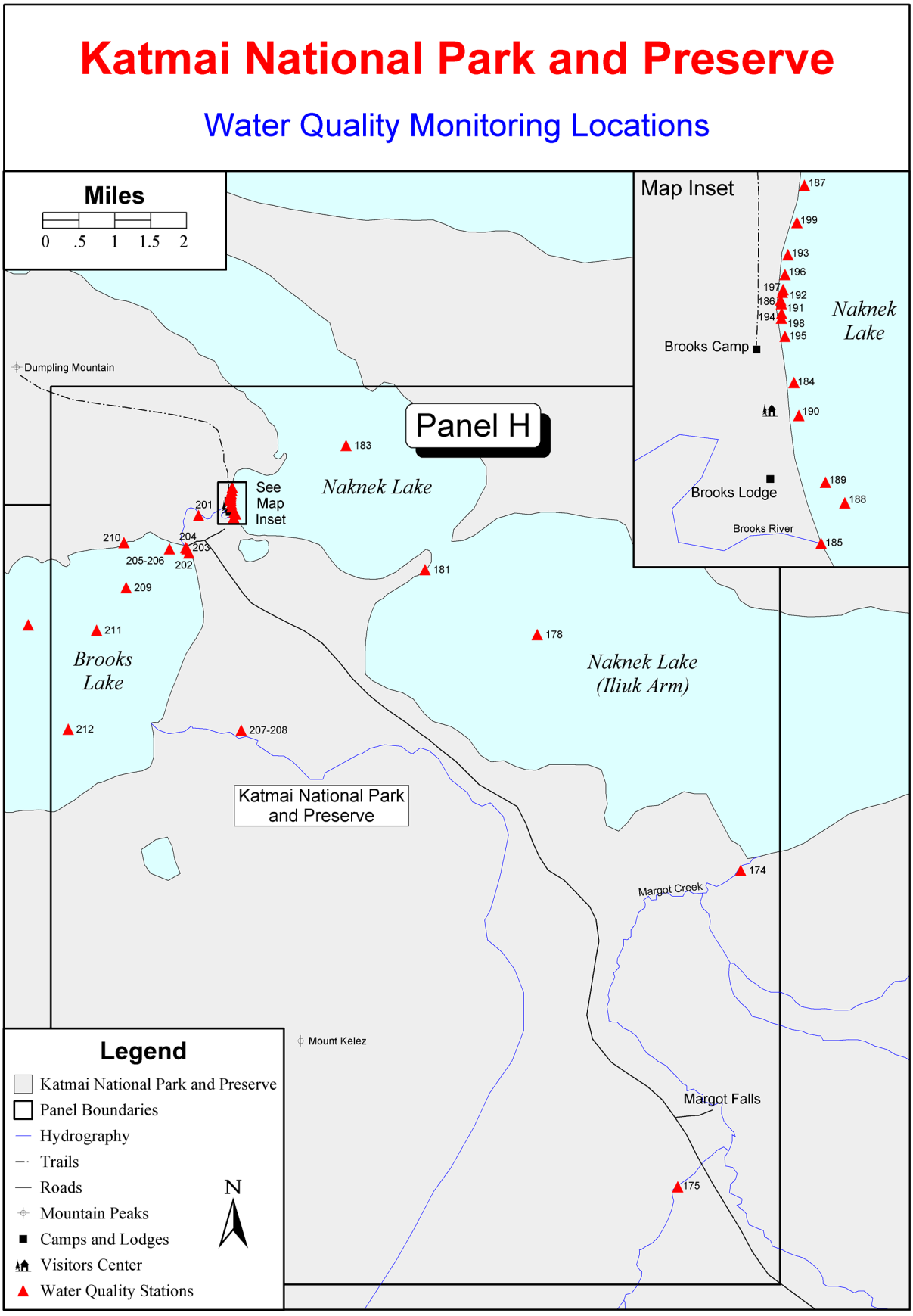
Water Quality Monitoring Locations

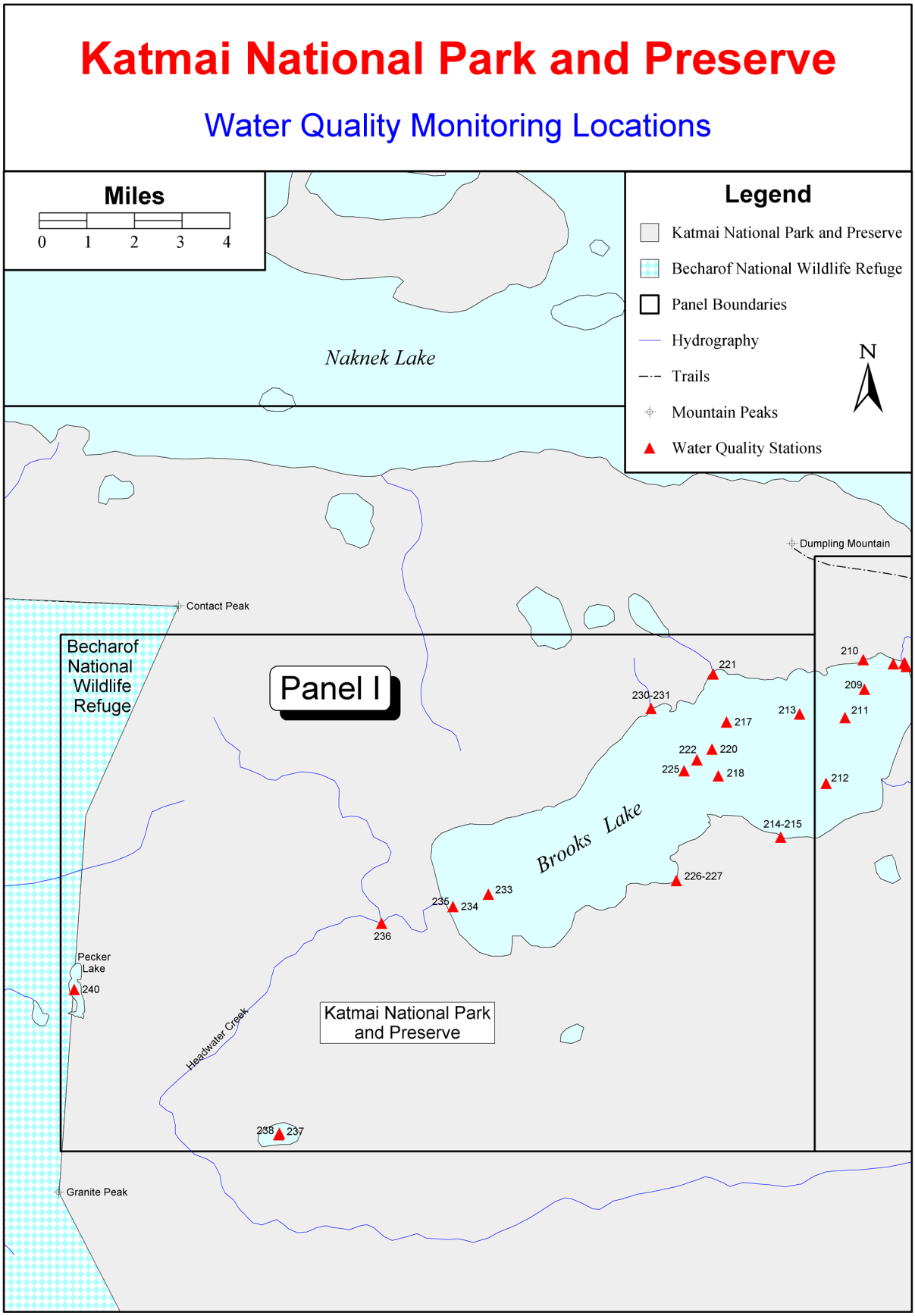


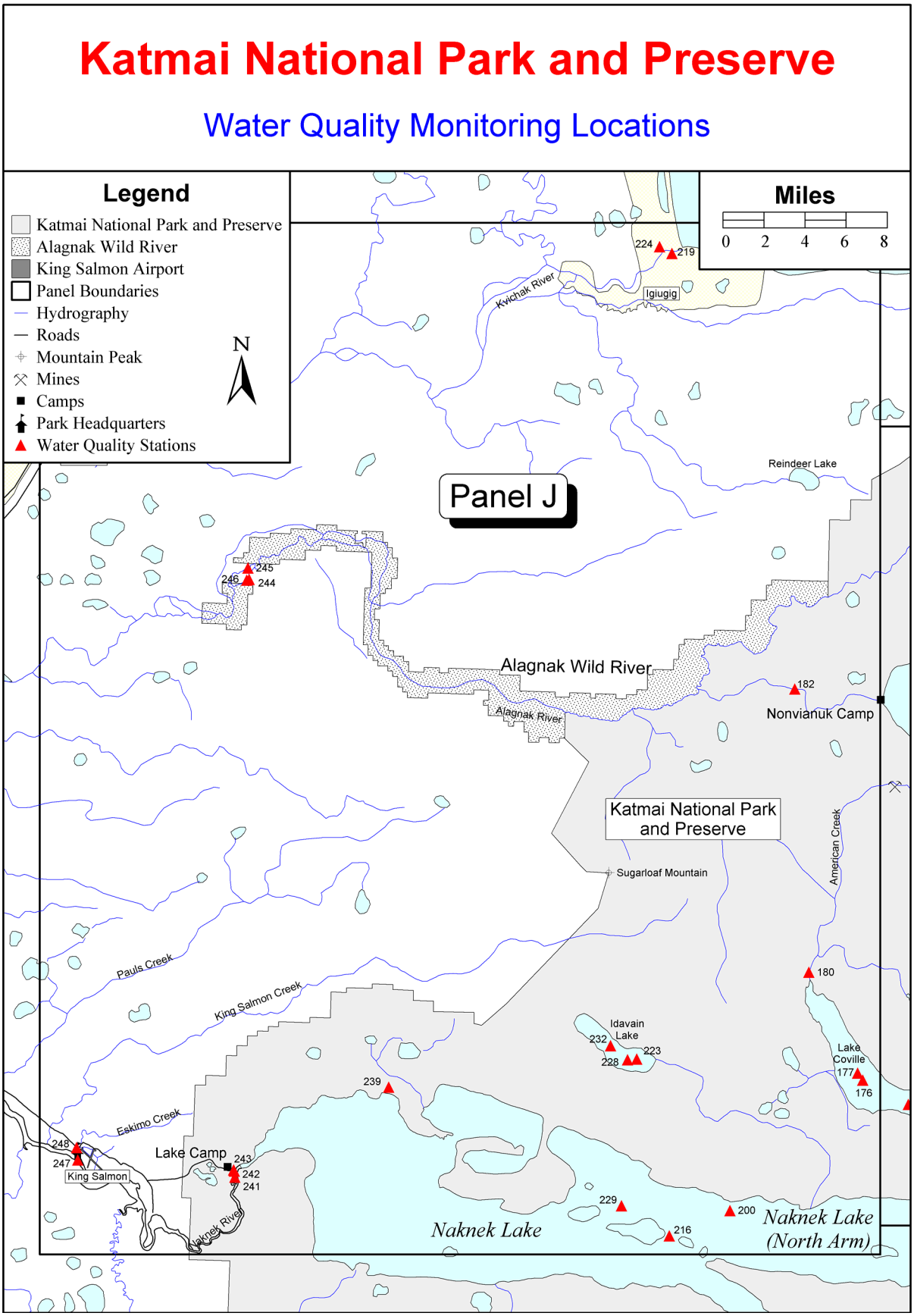
Katmai National Park and Preserve

Water Quality Monitoring Locations




Katmai National Park and Preserve
Water Quality Monitoring Locations
Miles
0 .5 1 1.5 2
Map Inset
Panel H
See Map Inset
Naknek Lake
Naknek Lake (Iliuk Arm)
Brooks Lake
Brooks Camp
Brooks Lodge
Brooks River
Dumpling Mountain
Mount Kelez
Margot Creek
Margot Falls
Katmai National Park and Preserve
187
199
193
196
197
192
186
191
194
198
195
184
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189
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183
201
210
204
203
205-206
202
209
211
212
207-208
181
178
174
175
Legend
Katmai National Park and Preserve
Panel Boundaries
Hydrography
Trails
Roads
Mountain Peaks
Camps and Lodges
Visitors Center
Water Quality Stations
N

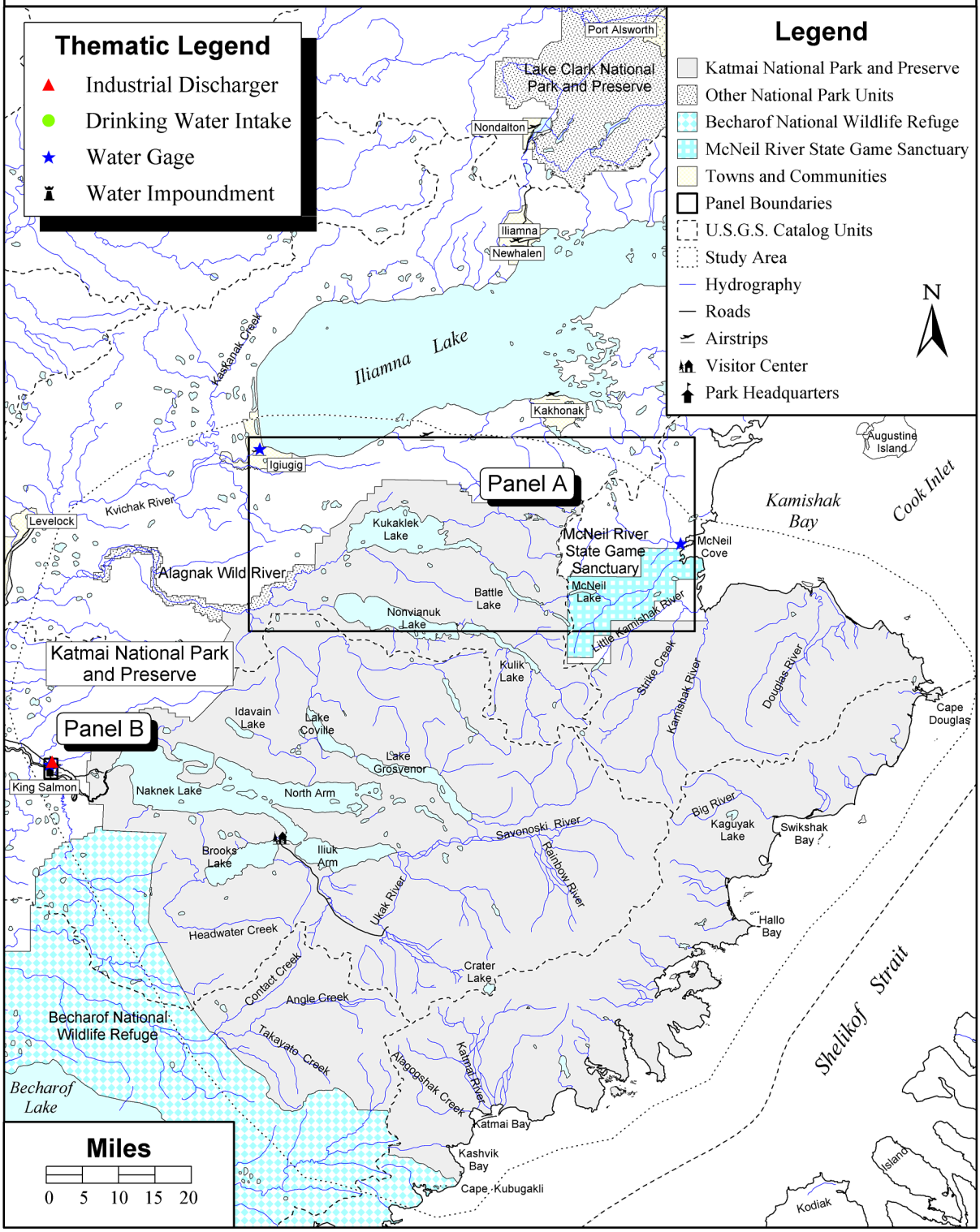

Katmai National Park and Preserve
Water Quality Monitoring Locations
Miles
0 1 2 3 4
Legend
Katmai National Park and Preserve
Becharof National Wildlife Refuge
Panel Boundaries
Hydrography
Trails
Mountain Peaks
Water Quality Stations
N
Naknek Lake
Dumpling Mountain
Contact Peak
Becharof National Wildlife Refuge
Panel I
210
221
209
230-231
211
213
217
222
220
225
218
212
214-215
Brooks Lake
226-227
233
235
234
236
Pecker Lake
240
Headwater Creek
Katmai National Park and Preserve
238
237
Granite Peak


Katmai National Park and Preserve
Water Quality Monitoring Locations
Legend
Katmai National Park and Preserve
Alagnak Wild River
King Salmon Airport
Panel Boundaries
Hydrography
Roads
Mountain Peak
Mines
Camps
Park Headquarters
Water Quality Stations
N
Miles
0 2 4 6 8
Panel J
Reindeer Lake
Kwichak River
Igiugig
224
219
245
246
244
Alagnak Wild River
Alagnak River
182
Nonvianuk Camp
Katmai National Park and Preserve
Sugarloaf Mountain
American Creek
180
Pauls Creek
King Salmon Creek
Idavain Lake
232
223
228
Lake Coville
177
176
239
Eskimo Creek
248
247
King Salmon
Lake Camp
243
242
241
Naknek River
229
200
216
Naknek Lake
Naknek Lake (North Arm)

Katmai National Park and Preserve

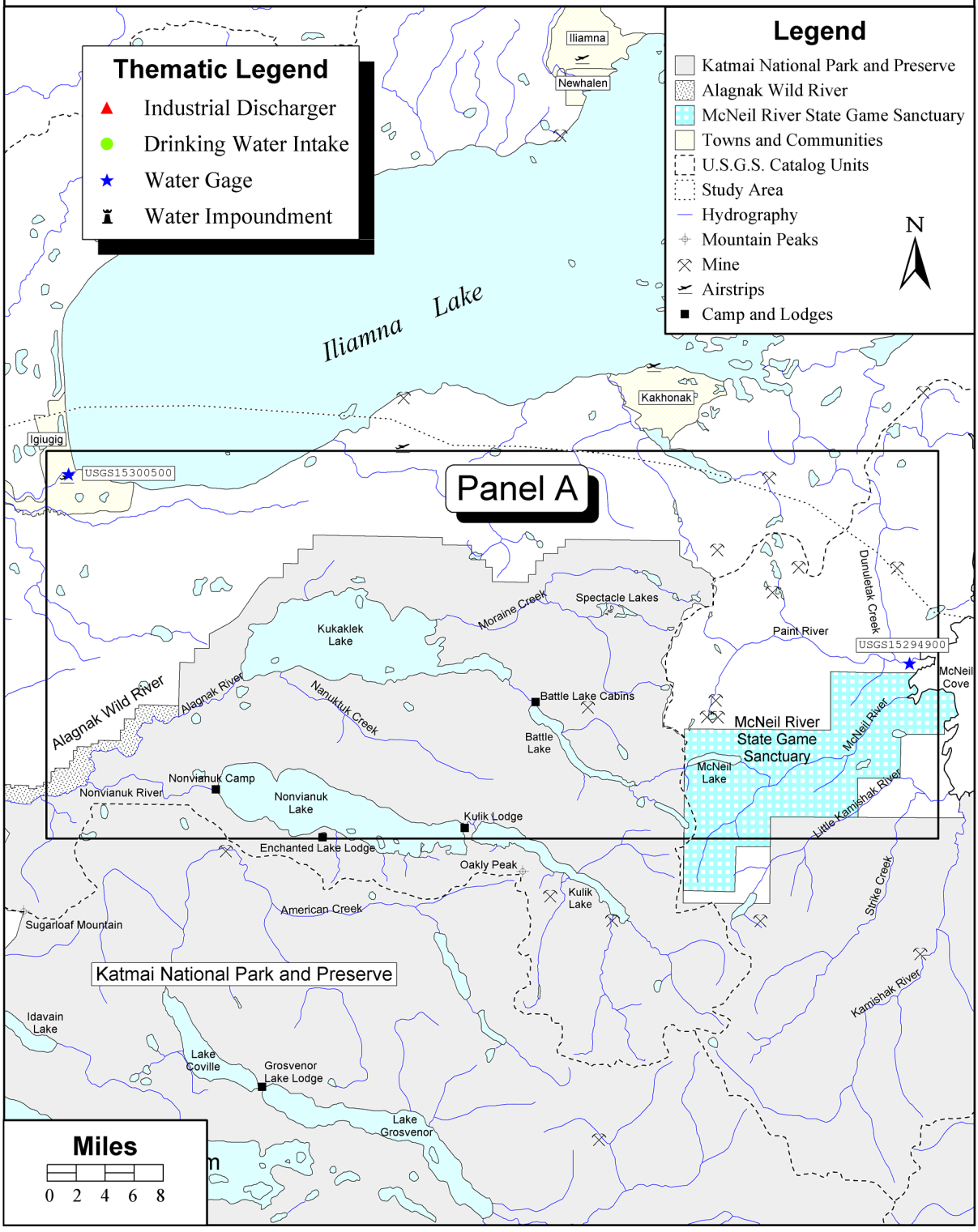
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



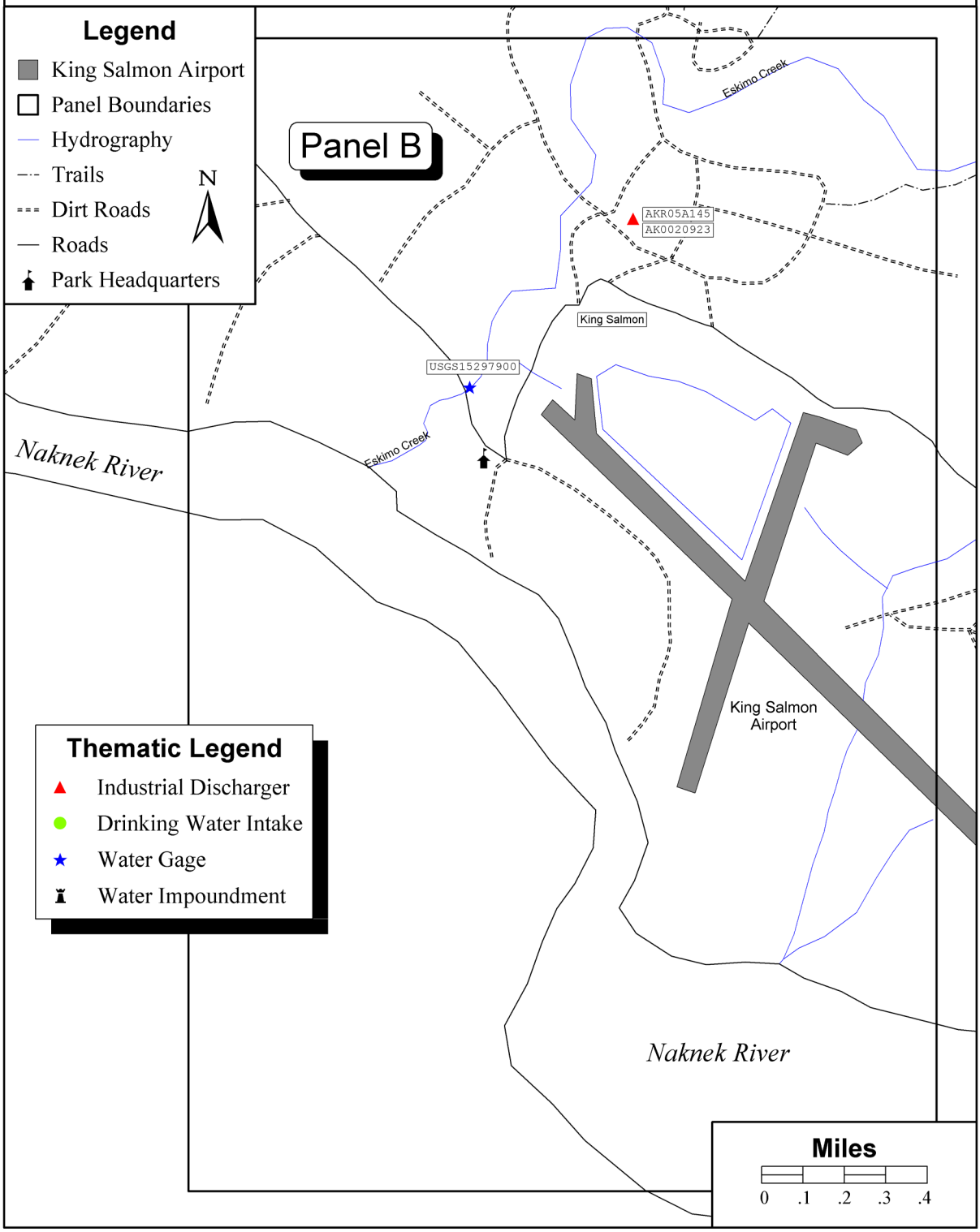
Katmai National Park and Preserve

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Katmai National Park and Preserve

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
AK0020923	AIR FORCE (KING SALMON AIRPORT	ELMENDORF AFB	KING SALMON	ESKIMO CREEK
AKR05A145	FEDERAL AVIATION ADMINISTRATIO	P.O. BOX 67	KING SALMON	ESKIMO CREEK

Drinking Water Intakes

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

No drinking water intakes available for this study area.

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS15297900	ESKIMO C AT KING SALMON AK	Stream	16.10	1974	1984
USGS15300500	KVICHAK R AT IGIUGIG AK	Stream	6500.00	1967	1987
USGS15294900	PAINT R NR KAMISHAK AK	Stream	205.00	1983	1995

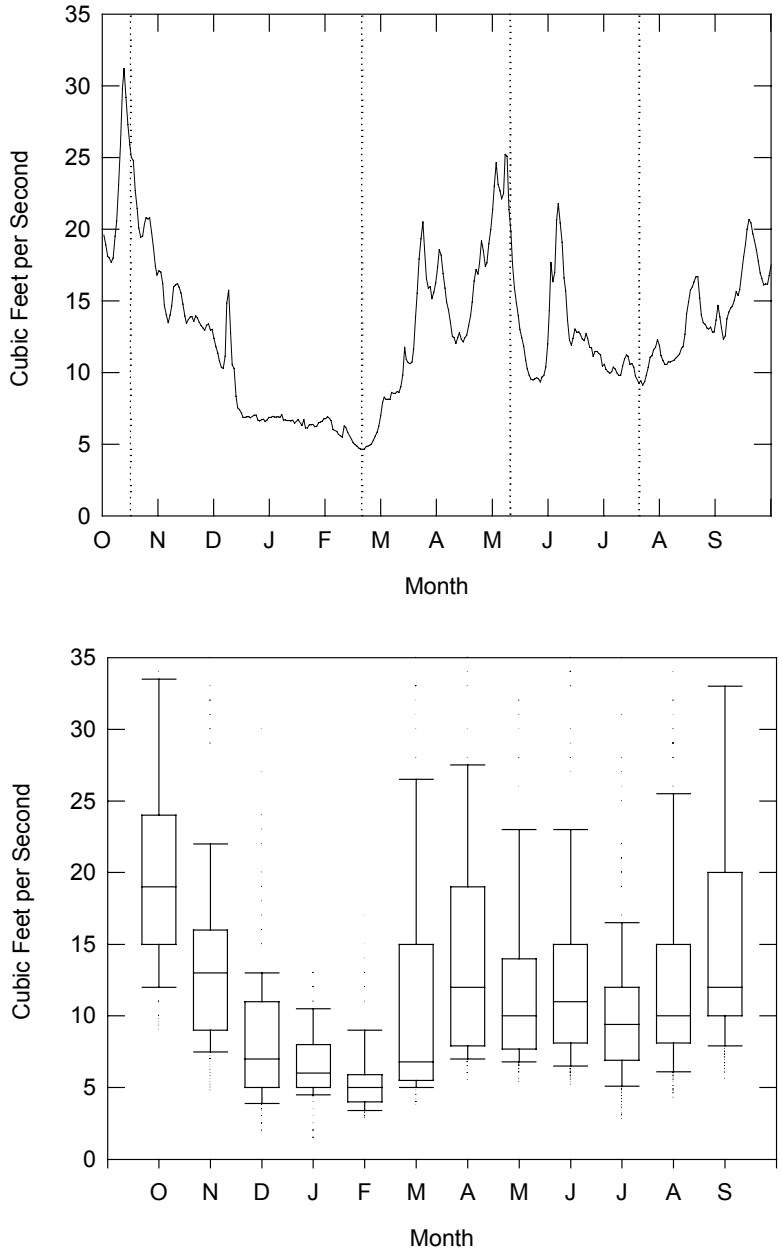
Water Impoundments

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

KATMAI NATIONAL PARK AND PRESERVE
Eskimo Creek at King Salmon, AK
15297900, 10 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 Katmai National Park and Preserve are: Jul. 20 to Oct. 14, Oct. 15 to Feb. 19, Feb. 20 to May 9, and May 10 to Jul. 19.

CONTACTS FOR AGENCY CODES RETRIEVED FOR KATM

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
21ADECWS	HILEMAN, JIM	USEPA REGION 10	(206)553-1640	

QUANTITY OF DATA RETRIEVED FOR KATM 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[!] 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
11NPSWRD	NATIONAL PARK SERVICE	07/04/57-09/15/97	07/04/57-09/15/97	237	191	13	10	0	0	27631	18943	313	306
112WRD	US GEOLOGICAL SURVEY	09/08/53-05/17/89	09/08/53-06/10/69	10	6	0	0	0	0	679	144	67	25
21ADECWS	USEPA REGION 10	04/24/80-04/24/80	No Data in Park	1	0	0	0	0	0	24	0	24	0
Totals		09/08/53-09/15/97	09/08/53-09/15/97	248	197	13	10	0	0	28334	19087	350	316

[!]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 09/08/53 To 09/15/97

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75
KATM0001[1]	ALASKAN PENINSULA; OFFSHORE	No	280	280	0	0
KATM0002	ALASKAN PENINSULA; OFFSHORE	No	142	142	0	0
KATM0003	ALASKAN PENINSULA; OFFSHORE	No	142	142	0	0
KATM0004	ALASKAN PENINSULA; OFFSHORE	No	142	142	0	0
KATM0005	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0006	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0007	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0008	ALASKAN PENINSULA; OFFSHORE	No	142	142	0	0
KATM0009[1]	ALASKAN PENINSULA; OFFSHORE	No	213	213	0	0
KATM0010	ALASKAN PENINSULA; OFFSHORE	No	426	426	0	0
KATM0011	ALASKAN PENINSULA; OFFSHORE	No	426	426	0	0
KATM0012	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0013	ALASKAN PENINSULA; OFFSHORE	No	426	426	0	0
KATM0014	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0015	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0016	ALASKAN PENINSULA; OFFSHORE	No	426	426	0	0
KATM0017	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0018	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0019	ALASKAN PENINSULA; OFFSHORE	No	213	213	0	0
KATM0020	KUGUYAK CALDERA LAKE; SOUTHEASTERN AREA	Yes	39	39	0	0
KATM0021[1]	ALASKAN PENINSULA; OFFSHORE	No	284	284	0	0
KATM0022	ALASKAN PENINSULA; OFFSHORE	No	142	142	0	0
KATM0023	ALASKAN PENINSULA; OFFSHORE	No	142	142	0	0
KATM0024	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0025	PAINT R NR KAMISHAK AK	No	5	5	0	0
KATM0026	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0027	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0028	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0029	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0030	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0031	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0032	ALASKAN PENINSULA; OFFSHORE	No	142	142	0	0
KATM0033	PIRATE LAKE	Yes	4	4	0	0
KATM0034	BATTLE LAKE STREAM 2	Yes	75	75	0	0
KATM0035	KULIK LAKE STREAM 5	Yes	5	5	0	0
KATM0036	KULIK LAKE STREAM 6	Yes	8	8	0	0
KATM0037	KULIK LAKE 4	Yes	8	8	0	0
KATM0038	IRON SPRINGS LAKE	Yes	12	12	0	0
KATM0039	KULIK LAKE STREAM 7	Yes	8	8	0	0
KATM0040	BATTLE LAKE EAST	Yes	4	0	4	0
KATM0041	BATTLE LAKE STREAM 3	Yes	75	75	0	0
KATM0042	KULIK LAKE 1990 SAMPLING STATION	Yes	167	167	0	0
KATM0043	BATTLE LAKE STREAM 4	Yes	75	75	0	0
KATM0044	KULIK LAKE STREAM 3	Yes	5	5	0	0
KATM0045	KULIK LAKE STREAM 8	Yes	39	39	0	0
KATM0046	BATTLE LAKE	Yes	13	13	0	0
KATM0047	BATTLE LAKE 1992 SAMPLING STATION	Yes	161	161	0	0
KATM0048	BATTLE LAKE STREAM 1	Yes	75	75	0	0
KATM0049	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0050	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0051	KULIK LAKE STREAM 9	Yes	5	5	0	0
KATM0052	BATTLE LAKE 1991 SAMPLING STATION	Yes	1160	1160	0	0
KATM0053[1]	BATTLE LAKE	Yes	268	268	0	0
KATM0054	BATTLE LAKE STREAM 5	Yes	75	75	0	0
KATM0055	KATMAI CALDERA LAKE (CRATER LAKE)	Yes	14	0	14	0
KATM0056	KULIK LAKE STREAM 10	Yes	5	5	0	0
KATM0057	KATMAI CALDERA LAKE (CRATER LAKE)	Yes	14	0	14	0
KATM0058	KULIK LAKE 1992 SAMPLING STATION	Yes	165	165	0	0
KATM0059	BATTLE LAKE WEST	Yes	2	0	2	0
KATM0060	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0061	ALASKAN PENINSULA; OFFSHORE	No	426	426	0	0
KATM0062	MT. KATMAI CALDERA CARTER LAKE; SOUTHERN AREA	Yes	40	40	0	0
KATM0063	BATTLE LAKE 1990 SAMPLING STATION	Yes	143	143	0	0
KATM0064	KULIK LAKE STREAM 2	Yes	5	5	0	0
KATM0065	BATTLE RIVER	Yes	75	75	0	0
KATM0066	ALASKAN PENINSULA; OFFSHORE	No	426	426	0	0
KATM0067	ALASKAN PENINSULA; OFFSHORE	No	426	426	0	0
KATM0068	KULIK LAKE	Yes	4	0	4	0
KATM0069	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0070	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0071[1]	KULIK LAKE	Yes	214	214	0	0

Station Period of Record Tabulation
From 09/08/53 To 09/15/97

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75
KATM0072	MURRAY LAKE 1990 AND 1991 SAMPLING STATIONS	Yes	279	279	0	0
KATM0073[1]	MURRAY LAKE	Yes	246	246	0	0
KATM0074	KULIK LAKE	Yes	9	0	9	0
KATM0075	KULIK LAKE 1991 SAMPLING STATION	Yes	176	176	0	0
KATM0076	KULIK LAKE STREAM 11	Yes	6	6	0	0
KATM0077	KULIK LAKE STREAM 1	Yes	8	8	0	0
KATM0078	MURRAY LAKE	Yes	7	0	7	0
KATM0079	MURRAY LAKE	Yes	2	0	2	0
KATM0080	ALASKAN PENINSULA; OFFSHORE	No	142	142	0	0
KATM0081	ALASKAN PENINSULA; OFFSHORE	No	142	142	0	0
KATM0082	MURRAY LAKE 1992 SAMPLING STATION	Yes	153	153	0	0
KATM0083	UPPER KNIFE CREEK BELOW KATMAI VOLCANO GLACIERS	Yes	19	19	0	0
KATM0084	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0085	UPPER KNIFE CREEK BELOW KATMAI VOLCANO GLACIERS	Yes	19	19	0	0
KATM0086	UPPER KNIFE CREEK DRAINING KATMAI GLACIER	Yes	21	21	0	0
KATM0087	THE TURTLE NORTHEAST OF THE NOVARUPTA DOME	Yes	15	0	15	0
KATM0088	UPPER KNIFE CREEK BELOW KATMAI VOLCANO GLACIERS	Yes	37	37	0	0
KATM0089	UPPER KNIFE CREEK BELOW KATMAI VOLCANO GLACIERS	Yes	20	0	20	0
KATM0090[1]	HAMMERSLY LAKE	Yes	232	232	0	0
KATM0091	HEAD OF UPPER KNIFE CREEK	Yes	22	22	0	0
KATM0092	KULIK RIVER NEAR KULIK LODGE	Yes	434	434	0	0
KATM0093	KULIK RIVER NEAR KULIK LODGE	Yes	434	434	0	0
KATM0094	KULIK RIVER NEAR KULIK LODGE	Yes	439	439	0	0
KATM0095	HAMMERSLY LAKE	Yes	7	0	7	0
KATM0096	ALASKAN PENINSULA; OFFSHORE	No	71	71	0	0
KATM0097	HAMMERSLY LAKE	Yes	2	0	2	0
KATM0098	HOT SPRING AT NORTH SIDE OF MAGEIK CREEK	Yes	23	0	23	0
KATM0099	THERMAL SPRING	Yes	26	26	0	0
KATM0100	HOT SPRING AT NORTH SIDE OF MAGEIK CREEK	Yes	23	0	23	0
KATM0101	HAMMERSLY LAKE 1992 SAMPLING STATION	Yes	153	153	0	0
KATM0102	HOT SPRING AT NORTH SIDE OF MAGEIK CREEK	Yes	23	0	23	0
KATM0103	WARM SPRING AT THE SOUTH SIDE OF KATMAI PASS	Yes	41	0	41	0
KATM0104	UNNAMED STREAM AT THE NOVARUPTA BASIN	Yes	18	18	0	0
KATM0105	HAMMERSLY LAKE 1991 SAMPLING STATIONS	Yes	148	148	0	0
KATM0106	SNOWMELT IN NOVARUPTA DOME	Yes	35	35	0	0
KATM0107	NONVIANUK LAKE 1990 SAMPLING STATION	Yes	147	147	0	0
KATM0108	POND WEST OF TEPHRA RING AT THE NOVARUPTA BASIN	Yes	15	15	0	0
KATM0109	NOVARUPTA BASIN WEST SIDE OF VENT REGION	Yes	18	18	0	0
KATM0110	JUHLE FORK STREAM NEAR THE VTTS	Yes	21	21	0	0
KATM0111	NONVIANUK LAKE STREAM 1	Yes	5	5	0	0
KATM0112	GROSVENOR LAKE	Yes	13	0	0	13
KATM0113	STREAM BETWEEN JUHLE AND GRIGGS	Yes	15	0	15	0
KATM0114	JUHLE FORK STREAM ABOVE FALLS	Yes	19	19	0	0
KATM0115	NONVIANUK LAKE STREAM 2	Yes	5	5	0	0
KATM0116	NONVIANUK LAKE	Yes	12	12	0	0
KATM0117	EAST LAKE MAGEIK AT WATERLINE TERMINUS	Yes	35	35	0	0
KATM0118	COLD SPRING ABOVE JUHLE FORK NEAR THE VTTS	Yes	17	17	0	0
KATM0119	UPPER RIVER LETHE UPSTREAM OF FORD AT THE VTTS	Yes	19	19	0	0
KATM0120	KUKAKLEK LAKE	Yes	4	4	0	0
KATM0121	UPPER RIVER LETHE AT FORD AT THE VTTS	Yes	15	15	0	0
KATM0122	RIVER LETHE 1 MILE DOWNSTREAM FROM FORD	Yes	12	12	0	0
KATM0123	SOUTHERNMOST MID-VALLEY THERMAL SPRING	Yes	68	68	0	0
KATM0124	MID-VALLEY THERMAL SPRING NEAR STATION T1-4	Yes	43	43	0	0
KATM0125	RIVER LETHE AT THE ASH-FLOW SITE	Yes	35	35	0	0
KATM0126[1]	MIDDLE MID-VALLEY THERMAL SPRING AT THE VTTS	Yes	59	59	0	0
KATM0127	MIDVALLEY THERMAL SPRING	Yes	12	12	0	0
KATM0128	MIDDLE MID-VALLEY THERMAL SPRING AT THE VTTS	Yes	9	9	0	0
KATM0129	MIDVALLEY THERMAL SPRING	Yes	12	12	0	0
KATM0130	NORTHERN MID-VALLEY THERMAL SPRING AT THE VTTS	Yes	16	16	0	0
KATM0131	EAST FORK OF THE UPPER RIVER LETHE AT THE VTTS	Yes	19	19	0	0
KATM0132	UPPER RIVER LETHE UPSTREAM OF FORD AT THE VTTS	Yes	19	4	15	0
KATM0133	WEST FORK OF THE UPPER RIVER LETHE AT THE VTTS	Yes	19	19	0	0
KATM0134	NONVIANUK LAKE STREAM 3	Yes	5	5	0	0
KATM0135	THERMAL SPRING AT NE BANK OF RIVER LETHE	Yes	17	17	0	0
KATM0136	THERMAL SPRING AT SW BANK OF RIVER LETHE	Yes	17	17	0	0
KATM0137	UNNAMED STREAM NEAR 6 MILE CAMP	Yes	18	18	0	0
KATM0138	BUTTRESS SPRING NEAR THE RIVER LETHE AT THE VTTS	Yes	17	17	0	0
KATM0139	SAVONOSKI RIVER	Yes	74	74	0	0
KATM0140	STREAM DRAINING BUTTRESS RANGE AT VTTS	Yes	21	21	0	0
KATM0141	KUKAKLEK LAKE 1991 SAMPLING STATION	Yes	160	160	0	0
KATM0142	AN UNNAMED CREEK UPSTREAM OF THE ASH-FLOW	Yes	42	20	22	0

Station Period of Record Tabulation
From 09/08/53 To 09/15/97

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75
KATM0143	UKAK RIVER	Yes	12	12	0	0
KATM0144	UKAK RIVER NORTH OF THE VTTS AT TOE OF ASH FLOW	Yes	15	0	15	0
KATM0145	UKAK RIVER	Yes	75	75	0	0
KATM0146	LOWER KNIFE CREEK ABOVE THREE FORKS AT THE VTTS	Yes	15	15	0	0
KATM0147	LOWER RIVER LETHE AT THE VTTS	Yes	70	51	19	0
KATM0148	WINDY CREEK ABOVE ASH-FLOW	Yes	18	18	0	0
KATM0149	NONVIANUK LAKE STREAM 4	Yes	5	5	0	0
KATM0150	KNIFE CREEK AT THREE FORKS	Yes	12	12	0	0
KATM0151	LOWER KNIFE CREEK AT THREE FORKS AT THE VTTS	Yes	55	36	19	0
KATM0152	KUKAKLEK LAKE	Yes	10	0	0	10
KATM0153	KUKAKLEK LAKE 1990 SAMPLING STATION	Yes	155	155	0	0
KATM0154	WINDY CREEK NEAR UKAK RIVER AT VTTS	Yes	18	18	0	0
KATM0155	WINDY CREEK AT FORD AT THE VTTS	Yes	15	15	0	0
KATM0156	COLD SPRING AT UKAK RIVER TRAIL	Yes	55	35	20	0
KATM0157	FRESH WATER SPRING	Yes	26	26	0	0
KATM0158	KUKAKLEK LAKE	Yes	206	206	0	0
KATM0159	UKAK RIVER NEAR THE FOOTBRIDGE AT THE VTTS	Yes	69	50	19	0
KATM0160	WINDY C TR NR BROOKS CAMP AK	Yes	25	0	0	25
KATM0161	COLD SPRING ON WINDY CREEK TRAIL	Yes	54	35	19	0
KATM0162	BAY OF ISLANDS TR NR BROOKS CAMP AK	Yes	25	0	0	25
KATM0163	NONVIANUK LAKE	Yes	13	0	0	13
KATM0164	NONVIANUK LAKE 1991 AND 1992 SAMPLING STATIONS	Yes	302	302	0	0
KATM0165	KUKAKLEK LAKE 1992 SAMPLING STATION	Yes	149	149	0	0
KATM0166	GROSVENOR LAKE WEST SAMPLING STATION	Yes	512	512	0	0
KATM0167	GROSVENOR LAKE	Yes	221	221	0	0
KATM0168	GROSVENOR RIVER NEAR GROSVENOR LAKE LODGE	Yes	434	434	0	0
KATM0169	GROSVENOR RIVER NEAR GROSVENOR LAKE LODGE	Yes	582	582	0	0
KATM0170	GROSVENOR RIVER NEAR GROSVENOR LAKE LODGE	Yes	434	434	0	0
KATM0171	NONVIANUK LAKE	Yes	153	153	0	0
KATM0172	COVILLE LAKE EAST SAMPLING STATION	Yes	444	444	0	0
KATM0173	COVILLE LAKE	Yes	185	185	0	0
KATM0174	MARGOT CREEK	Yes	74	74	0	0
KATM0175	MARGOT C TR NR BROOKS CAMP AK	Yes	25	0	0	25
KATM0176	COVILLE LAKE	Yes	13	0	0	13
KATM0177	COVILLE LAKE	Yes	13	13	0	0
KATM0178	NAKNEK LAKE STATION B	Yes	4	0	0	4
KATM0179	ALASKAN PENINSULA; OFFSHORE	No	426	426	0	0
KATM0180	AMERICAN CREEK	Yes	75	75	0	0
KATM0181	ILIUK ARM NAKNEK LK NR BROOKS CAMP AK	Yes	22	0	0	22
KATM0182	ALAGNAK RIVER	Yes	71	71	0	0
KATM0183	NAKNEK LAKE STATION A	Yes	4	0	0	4
KATM0184	NAKNEK LK AT BROOKS CAMP AK	Yes	25	0	0	25
KATM0185	BROOKS RIVER LESS THAN 100 YARDS FROM THE MOUTH	Yes	439	439	0	0
KATM0186	NAKNEK LAKE NEAR BROOKS RIVER	Yes	439	439	0	0
KATM0187	NAKNEK LAKE NORTHWEST OF BROOKS RIVER	Yes	439	439	0	0
KATM0188	NAKNEK LAKE 300 FEET SOUTH OF BROOKS LODGE	Yes	31	31	0	0
KATM0189[1]	NAKNEK LAKE NEAR THE SOUTH SIDE OF BROOKS LODGE	Yes	41	41	0	0
KATM0190[1]	NAKNEK LAKE 100 FEET NORTH OF THE VISITOR CENTER	Yes	41	41	0	0
KATM0191	NAKNEK LAKE IN FRONT OF GENERATOR BLD. PATH	Yes	57	57	0	0
KATM0192	NAKNEK LAKE 50 FT N. OF GENERATOR BLD. PATH	Yes	10	10	0	0
KATM0193	NAKNEK LAKE 200FT N. OF GENERATOR BLD. PATH	Yes	31	31	0	0
KATM0194	NAKNEK LAKE 75FT S. OF GENERATOR BLD.	Yes	31	31	0	0
KATM0195	NAKNEK LAKE 200FT S. OF THE GENERATOR BUILDING	Yes	10	10	0	0
KATM0196	NAKNEK LAKE 150FT N. OF GENERATOR BLD. PATH	Yes	10	10	0	0
KATM0197	NAKNEK LAKE 75FT N. OF GENERATOR BLD. PATH	Yes	31	31	0	0
KATM0198	NAKNEK LAKE 100 FT S. OF GENERATOR BLD.	Yes	10	10	0	0
KATM0199	NAKNEK LAKE 400 FT N. OF GENERATOR BLD. PATH	Yes	30	30	0	0
KATM0200[1]	NAKNEK LAKE	Yes	270	270	0	0
KATM0201	BROOKS R NR KING SALMON AK	Yes	22	0	0	22
KATM0202	BROOKS LAKE SHORELINE NEAR BROOKS RIVER	Yes	439	439	0	0
KATM0203	BROOKS LAKE NEAR BROOKS RIVER	Yes	439	439	0	0
KATM0204	BROOKS LAKE SOUTH OF THE BROOKS RIVER MOUTH	Yes	439	439	0	0
KATM0205	BROOKS RIVER NEAR BROOKS LAKE INLET	Yes	5	3	2	0
KATM0206	BROOKS RIVER	Yes	74	74	0	0
KATM0207	UP-A-TREE CREEK NEAR BROOKS LAKE INLET	Yes	5	3	2	0
KATM0208	UP-A-TREE-CREEK/BROOKS LAKE STREAM 2	Yes	204	204	0	0
KATM0209	BROOKS LAKE STATION 1	Yes	4	0	0	4
KATM0210	BROOKS LAKE STREAM 7	Yes	74	74	0	0
KATM0211	BROOKS LAKE 1992 SAMPLING STATION	Yes	149	149	0	0
KATM0212	BROOKS LAKE 1991 SAMPLING STATION	Yes	148	148	0	0
KATM0213	BROOKS LAKE STATION 2	Yes	4	0	0	4

Station Period of Record Tabulation
From 09/08/53 To 09/15/97

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75
KATM0214	ONE-SHOT-CREEK/BROOKS LAKE STREAM 3	Yes	205	205	0	0
KATM0215	ONE-SHOT-CREEK NEAR BROOKS LAKE INLET	Yes	6	3	3	0
KATM0216	NAKNEK LAKE 1990-1992 SAMPLING STATIONS	Yes	460	460	0	0
KATM0217	BROOKS LAKE STATION 3	Yes	4	0	0	4
KATM0218	BROOKS LAKE 1990 SAMPLING STATION	Yes	151	151	0	0
KATM0219	KVICHAK R AT IGIUGIG AK	No	304	0	0	304
KATM0220	BROOKS LAKE	Yes	37	29	8	0
KATM0221	BROOKS LAKE STREAM 6	Yes	74	74	0	0
KATM0222[1]	BROOKS LAKE	Yes	275	275	0	0
KATM0223[1]	IDAVAIN LAKE	Yes	106	106	0	0
KATM0224	Iguigig/State Operated School	No	24	0	24	0
KATM0225	BROOOKS LAKE	Yes	13	0	0	13
KATM0226	HIDDEN CREEK	Yes	130	130	0	0
KATM0227	HIDDEN CREEK NEAR BROOKS LAKE INLET	Yes	6	3	3	0
KATM0228	IDAVAIN LAKE SAMPLING STATION	Yes	126	126	0	0
KATM0229	NAKNEK LAKE	Yes	13	0	0	13
KATM0230	WEST CREEK NEAR BROOKS LAKE INLET	Yes	3	3	0	0
KATM0231	WEST CREEK/BROOKS LAKE STREAM 5	Yes	198	198	0	0
KATM0232	IDAVAIN LAKE	Yes	13	13	0	0
KATM0233	BROOKS LAKE STATION 4	Yes	2	0	0	2
KATM0234	HEADWATER CREEK NEAR BROOKS LAKE INLET	Yes	5	3	2	0
KATM0235	HEADWATER CREEK/BROOKS LAKE STREAM 4	Yes	199	199	0	0
KATM0236	LAST TRIB. TO HEADWATER CRK ABOVE BROOKS LAKE	Yes	2	0	2	0
KATM0237	TONY MALONE'S LAKE	Yes	2	0	2	0
KATM0238	TONY MALONE'S LAKE	Yes	2	0	2	0
KATM0239	CAT CREEK	Yes	16	16	0	0
KATM0240	PECKER LAKE	Yes	13	13	0	0
KATM0241	NAKNEK RIVER NEAR LAKE CAMP	Yes	439	439	0	0
KATM0242	NAKNEK RIVER NEAR LAKE CAMP	Yes	439	439	0	0
KATM0243	NAKNEK RIVER NEAR LAKE CAMP	Yes	439	439	0	0
KATM0244	ALAGNAK WILD RIVER WEST OF NONVIANUK CAMP	No	582	582	0	0
KATM0245	ALAGNAK WILD RIVER WEST OF NONVIANUK CAMP	No	434	434	0	0
KATM0246	ALAGNAK WILD RIVER WEST OF NONVIANUK CAMP	No	434	434	0	0
KATM0247	NAKNEK R AT KING SALMON AK	No	50	0	0	50
KATM0248	ESKIMO C AT KING SALMON AK	No	176	0	0	176

[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 09/08/53 To 09/15/97

Parameter Code	Name	Total Obs	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00004	STREAM WIDTH (FEET)	26	26	0	0	19	19
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	102	102	0	0	43	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	906	866	18	22	113	110
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	2	1	0	1	2	0
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	2	1	0	1	2	0
00049	SURFACE AREA IN SQUARE MILES	25	0	0	25	2	0
00055	VELOCITY, STREAM FT/SEC	25	25	0	0	18	18
00061	FLOW, STREAM, INSTANTANEOUS CFS	49	27	0	22	22	19
00070	TURBIDITY, (JACKSON CANDLE UNITS)	9	2	1	6	5	2
00078	TRANSPARENCY, SECCHI DISC (METERS)	80	74	0	6	39	39
00080	COLOR (PLATINUM-COBALT UNITS)	34	16	0	18	19	16
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	30	30	0	0	22	22
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	831	814	17	0	94	94
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	57	24	1	32	34	29
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	30	30	0	0	22	22
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	639	639	0	0	33	33
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	394	394	0	0	11	11
00400	PH (STANDARD UNITS)	31	3	0	28	18	15
00403	PH, LAB, STANDARD UNITS SU	68	49	19	0	48	47
00405	CARBON DIOXIDE (MG/L AS CO2)	21	0	0	21	9	6
00406	PH, FIELD, STANDARD UNITS SU	900	867	33	0	126	126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	54	11	16	27	41	37
00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	3	3	0	0	3	3
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	41	41	0	0	33	33
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	3	3	0	0	3	3
00440	BICARBONATE ION (MG/L AS HCO3)	52	30	0	22	31	28
00445	CARBONATE ION (MG/L AS CO3)	21	0	0	21	9	6
00480	SALINITY - PARTS PER THOUSAND	394	394	0	0	11	11
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	56	56	0	0	18	15
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	1	0	0	1	1	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	24	23	0	1	20	19
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	5	5	0	0	5	5
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	5	5	0	0	5	5
00600	NITROGEN, TOTAL (MG/L AS N)	41	41	0	0	22	22
00602	NITROGEN, DISSOLVED (MG/L AS N)	50	50	0	0	28	28
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	13	6	1	6	13	13
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	20	0	0	20	9	6
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	31	16	9	6	17	16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	2	2	0	0	2	2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	16	16	0	0	16	16
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	6	6	0	0	6	6
00652	PHOSPHOROUS DISSOLVED TOTAL WHATMAN GF/F MG/L P	2	2	0	0	2	2
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	172	172	0	0	42	42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	76	71	0	5	49	49
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	37	37	0	0	23	23
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	2	2	0	0	2	2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	29	2	0	27	16	13
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	22	0	0	22	9	6
00910	CALCIUM (MG/L AS CACO3)	6	0	0	6	6	6
00915	CALCIUM, DISSOLVED (MG/L AS CA)	88	49	18	21	56	53
00916	CALCIUM, TOTAL (MG/L AS CA)	191	187	4	0	61	60
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	172	172	0	0	42	42
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	172	172	0	0	42	42
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	88	49	18	21	56	53
00927	MAGNESIUM, TOTAL (MG/L AS MG)	25	15	4	6	25	24
00929	SODIUM, TOTAL (MG/L AS NA)	18	11	1	6	18	17
00930	SODIUM, DISSOLVED (MG/L AS NA)	88	49	18	21	56	53
00931	SODIUM ADSORPTION RATIO	20	0	0	20	9	6
00932	SODIUM, PERCENT	20	0	0	20	9	6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	88	49	18	21	56	53
00937	POTASSIUM, TOTAL MG/L AS K)	21	11	4	6	21	20
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	172	172	0	0	42	42
00940	CHLORIDE,TOTAL IN WATER MG/L	104	82	1	21	76	72
00941	CHLORIDE, DISSOLVED IN WATER MG/L	65	47	18	0	45	45
00945	SULFATE, TOTAL (MG/L AS SO4)	108	77	10	21	79	75
00946	SULFATE, DISSOLVED (MG/L AS SO4)	65	47	18	0	45	45
00950	FLUORIDE, DISSOLVED (MG/L AS F)	84	47	18	19	52	49
00951	FLUORIDE, TOTAL (MG/L AS F)	4	3	1	0	4	3
00955	SILICA, DISSOLVED (MG/L AS SI02)	86	47	18	21	54	51
00956	SILICA, TOTAL (MG/L AS SI02)	11	5	0	6	11	11
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	172	172	0	0	42	42

Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Parameter Code	Name	Total Obs	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	172	172	0	0	42	42
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	172	172	0	0	42	42
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	172	172	0	0	42	42
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	172	172	0	0	42	42
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	172	172	0	0	42	42
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	172	172	0	0	42	42
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	172	172	0	0	42	42
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	172	172	0	0	42	42
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	172	172	0	0	42	42
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10	5	4	1	10	9
01002	ARSENIC, TOTAL (UG/L AS AS)	11	10	1	0	11	10
01005	BARIUM, DISSOLVED (UG/L AS BA)	29	27	1	1	27	26
01007	BARIUM, TOTAL (UG/L AS BA)	11	10	1	0	11	10
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	172	172	0	0	42	42
01012	BERYLLIUM, TOTAL (UG/L AS BE)	5	5	0	0	5	5
01020	BORON, DISSOLVED (UG/L AS B)	67	49	18	0	47	47
01022	BORON, TOTAL (UG/L AS B)	10	5	0	5	10	10
01025	CADMIUM, DISSOLVED (UG/L AS CD)	3	2	0	1	3	2
01027	CADMIUM, TOTAL (UG/L AS CD)	11	10	1	0	11	10
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	3	2	0	1	3	2
01034	CHROMIUM, TOTAL (UG/L AS CR)	11	10	1	0	11	10
01040	COPPER, DISSOLVED (UG/L AS CU)	3	2	0	1	3	2
01042	COPPER, TOTAL (UG/L AS CU)	19	16	3	0	19	19
01045	IRON, TOTAL (UG/L AS FE)	15	7	1	7	15	12
01046	IRON, DISSOLVED (UG/L AS FE)	40	29	6	5	32	30
01049	LEAD, DISSOLVED (UG/L AS PB)	3	2	0	1	3	2
01051	LEAD, TOTAL (UG/L AS PB)	11	10	1	0	11	10
01055	MANGANESE, TOTAL (UG/L AS MN)	19	10	1	8	18	15
01056	MANGANESE, DISSOLVED (UG/L AS MN)	44	28	11	5	34	32
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	2	2	0	0	2	2
01065	NICKEL, DISSOLVED (UG/L AS NI)	2	2	0	0	2	2
01067	NICKEL, TOTAL (UG/L AS NI)	10	10	0	0	10	10
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	172	172	0	0	42	42
01075	SILVER, DISSOLVED (UG/L AS AG)	1	0	0	1	1	0
01077	SILVER, TOTAL (UG/L AS AG)	11	10	1	0	11	10
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	172	172	0	0	42	42
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	41	30	11	0	33	33
01082	STRONTIUM, TOTAL (UG/L AS SR)	5	5	0	0	5	5
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	172	172	0	0	42	42
01090	ZINC, DISSOLVED (UG/L AS ZN)	3	2	0	1	3	2
01092	ZINC, TOTAL (UG/L AS ZN)	18	15	3	0	18	18
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	172	172	0	0	42	42
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	2	2	0	0	2	2
01097	ANTIMONY, TOTAL (UG/L AS SB)	5	5	0	0	5	5
01100	TIN, DISSOLVED (UG/L AS SN)	2	2	0	0	2	2
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	172	172	0	0	42	42
01105	ALUMINUM, TOTAL (UG/L AS AL)	6	6	0	0	6	6
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	2	2	0	0	2	2
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	172	172	0	0	42	42
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	172	172	0	0	42	42
01115	CESIUM, DISSOLVED (UG/L AS CS)	19	8	11	0	15	15
01117	CESIUM, TOTAL (UG/L AS CS)	5	5	0	0	5	5
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	172	172	0	0	42	42
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	172	172	0	0	42	42
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	172	172	0	0	42	42
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	172	172	0	0	42	42
01130	LITHIUM, DISSOLVED (UG/L AS LI)	65	47	18	0	45	45
01132	LITHIUM, TOTAL (UG/L AS LI)	5	5	0	0	5	5
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	172	172	0	0	42	42
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	20	8	12	0	16	16
01137	RUBIDIUM, TOTAL (UG/L AS RB)	5	5	0	0	5	5
01140	SILICON, DISSOLVED (UG/L AS SI)	2	2	0	0	2	2
01142	SILICON, TOTAL (UG/L AS SI)	6	0	0	6	6	6
01145	SELENIUM, DISSOLVED (UG/L AS SE)	3	2	0	1	3	2
01147	SELENIUM, TOTAL (UG/L AS SE)	11	10	1	0	11	10
01150	TITANIUM, DISSOLVED (UG/L AS TI)	2	2	0	0	2	2
01154	TUNGSTEN, TOTAL (UG/L AS W)	106	106	0	0	22	22
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	172	172	0	0	42	42
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	1	0	0	1	1	0
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	1	0	0	1	1	0
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	1	0	0	1	1	0

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From 09/08/53 To 09/15/97

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03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	1	0	0	1	1	0
04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	33	33	0	0	12	12
09511	RADIUM 226, DISSOLVED, RADON METHOD	1	0	0	1	1	0
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	63	47	16	0	43	43
30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	10	10	0	0	10	10
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	20	20	0	0	17	17
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	2	2	0	0	2	2
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	56	56	0	0	18	15
34208	ACENAPHTHENE DRY WGTBOTUG/KG	56	56	0	0	18	15
34223	ANTHRACENE DRY WGTBOTUG/KG	56	56	0	0	18	15
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	56	56	0	0	18	15
34237	BENZENE DRY WGTBOTUG/KG	24	24	0	0	12	12
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	56	56	0	0	18	15
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	56	56	0	0	18	15
34301	CHLOROBENZENE TOTWUG/L	9	9	0	0	9	9
34323	CHRYSENE DRY WGTBOTUG/KG	56	56	0	0	18	15
34371	ETHYLBENZENE TOTWUG/L	62	62	0	0	30	27
34374	ETHYLBENZENE DRY WGTBOTUG/KG	24	24	0	0	12	12
34379	FLUORANTHENE DRY WGTBOTUG/KG	56	56	0	0	18	15
34384	FLUORENE DRY WGTBOTUG/KG	56	56	0	0	18	15
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	56	56	0	0	18	15
34445	NAPHTHALENE DRY WGTBOTUG/KG	56	56	0	0	18	15
34464	PHENANTHRENE DRY WGTBOTUG/KG	56	56	0	0	18	15
34472	PYRENE DRY WGTBOTUG/KG	56	56	0	0	18	15
34483	TOLUENE DRY WGTBOTUG/KG	24	24	0	0	12	12
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	56	56	0	0	18	15
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	56	56	0	0	18	15
34536	1,2-DICHLOROBENZENE TOTWUG/L	9	9	0	0	9	9
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	56	56	0	0	18	15
34566	1,3-DICHLOROBENZENE TOTWUG/L	9	9	0	0	9	9
34571	1,4-DICHLOROBENZENE TOTWUG/L	9	9	0	0	9	9
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	1	0	0	1	1	0
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	56	56	0	0	18	15
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	56	56	0	0	18	15
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	56	56	0	0	18	15
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	56	56	0	0	18	15
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	24	24	0	0	12	12
49610	NITROGEN, TOTAL PERSULFATE, TOTAL, WATER MG/L	16	16	0	0	7	7
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	56	56	0	0	18	15
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	56	56	0	0	18	15
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15

Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Parameter Code	Name	Total Obs	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	40	40	0	0	12	12
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	172	172	0	0	42	42
50932	SULFUR, DISSOLVED AS S MG/L	2	2	0	0	2	2
50938	ANION - CATION RATIO	6	6	0	0	6	6
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	56	56	0	0	18	15
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	56	56	0	0	18	15
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	30	30	0	0	22	22
50982	OXYGEN-18/OXYGEN-16 IN SULFATE(DELTA)O-18(S04)0/00	4	4	0	0	4	4
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	56	56	0	0	18	15
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	56	56	0	0	18	15
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	158	158	0	0	61	15
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	56	56	0	0	18	15
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	156	156	0	0	61	15
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	156	156	0	0	61	15
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	56	56	0	0	18	15
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	56	56	0	0	18	15
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	56	56	0	0	18	15
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	56	56	0	0	18	15
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	56	56	0	0	18	15
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	56	56	0	0	18	15
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	56	56	0	0	18	15
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	56	56	0	0	18	15
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	56	56	0	0	18	15
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	56	56	0	0	18	15
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	56	56	0	0	18	15
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	56	56	0	0	18	15
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	56	56	0	0	18	15
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	158	158	0	0	61	15
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	56	56	0	0	18	15
61195	CHLOROPHYLL-A, SESTONIC MG/L	24	24	0	0	20	20
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	172	172	0	0	42	42
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	102	102	0	0	43	0
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	102	102	0	0	43	0

Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Parameter Code	Name	Total Obs	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	102	102	0	0	43	0
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	102	102	0	0	43	0
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	102	102	0	0	43	0
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	102	102	0	0	43	0
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	7	0	1	6	7	6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	21	0	0	21	9	6
70302	SOLIDS, DISSOLVED-TONS PER DAY	9	0	0	9	2	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	20	0	0	20	9	6
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	1	0	0	1	1	0
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	1	0	0	1	1	0
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	1	0	0	1	1	0
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	1	0	0	1	1	0
70515	COLOR OF MEMBRANE FILTER FILTRATE (PT-CO UNITS)	1	0	1	0	1	0
71830	HYDROXIDE ION (MG/L AS OH)	1	0	0	1	1	0
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	2	2	0	0	2	2
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	21	0	0	21	9	6
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	5	0	0	5	3	0
71885	IRON (UG/L AS FE)	13	0	0	13	9	6
71900	MERCURY, TOTAL (UG/L AS HG)	12	10	1	1	12	10
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	12	0	0	12	1	0
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	56	56	0	0	18	15
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	56	56	0	0	18	15
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	62	62	0	0	30	27
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	62	62	0	0	30	27
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	158	158	0	0	61	15
78309	ACENAPHTHENE SEDWETWTMG/KG	158	158	0	0	61	15
78323	FLUORANTHENE SEDWETWTMG/KG	158	158	0	0	61	15
78331	NAPHTHALENE SEDWETWTMG/KG	158	158	0	0	61	15
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	158	158	0	0	61	15
78343	BENZO(A)PYRENE SEDWETWTMG/KG	158	158	0	0	61	15
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	158	158	0	0	61	15
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	158	158	0	0	61	15
78346	CHRYSENE SEDWETWTMG/KG	158	158	0	0	61	15
78347	ACENAPHTHYLENE SEDWETWTMG/K	158	158	0	0	61	15
78348	ANTHRACENE SEDWETWTMG/KG	158	158	0	0	61	15
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	158	158	0	0	61	15
78350	FLUORENE SEDWETWTMG/KG	158	158	0	0	61	15
78351	PHENANTHRENE SEDWETWTMG/KG	158	158	0	0	61	15
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	158	158	0	0	61	15
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	158	158	0	0	61	15
78354	PYRENE SEDWETWTMG/KG	158	158	0	0	61	15
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	56	56	0	0	18	15
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	158	158	0	0	61	15
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	158	158	0	0	61	15
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	158	158	0	0	61	15
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	158	158	0	0	61	15
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	158	158	0	0	61	15
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	158	158	0	0	61	15
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	158	158	0	0	61	15
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	1	0	0	1	1	0
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	1	0	0	1	1	0
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	1	0	0	1	1	0
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	1	0	0	1	1	0
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	1	0	0	1	1	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	13	0	0	13	2	0
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	13	0	0	13	2	0
80279	BOD, CARBONACEOUS,5 DAY, AND NH3-N,TOT,IN WTR,MG/L	5	5	0	0	5	5
81551	XYLENE WHL WATER SMPL UG/L	50	50	0	0	21	21
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	21	21	0	0	18	15
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	52	52	0	0	40	40
82081	CARBON-13 / CARBON-12 STABLE ISOTOPE RATIO PER MIL	3	3	0	0	3	3
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	32	26	6	0	25	25
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	33	26	7	0	26	26
82364	THORIUM, TOTAL IN WATER UG/L	5	5	0	0	5	5
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	56	56	0	0	18	15
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	21	21	0	0	18	15

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0034	Yes	00004	STREAM WIDTH (FEET)	08/24/90-08/24/90	0	1	
KATM0041	Yes	00004	STREAM WIDTH (FEET)	08/24/90-08/24/90	0	1	
KATM0043	Yes	00004	STREAM WIDTH (FEET)	08/24/90-08/24/90	0	1	
KATM0048	Yes	00004	STREAM WIDTH (FEET)	08/24/90-08/24/90	0	1	
KATM0054	Yes	00004	STREAM WIDTH (FEET)	08/27/90-08/27/90	0	1	
KATM0065	Yes	00004	STREAM WIDTH (FEET)	08/28/90-08/28/90	0	1	
KATM0139	Yes	00004	STREAM WIDTH (FEET)	08/31/90-08/31/90	0	1	
KATM0145	Yes	00004	STREAM WIDTH (FEET)	08/31/90-08/31/90	0	1	
KATM0174	Yes	00004	STREAM WIDTH (FEET)	09/04/90-09/04/90	0	1	
KATM0180	Yes	00004	STREAM WIDTH (FEET)	08/28/90-08/28/90	0	1	
KATM0206	Yes	00004	STREAM WIDTH (FEET)	09/04/90-09/04/90	0	1	
KATM0208	Yes	00004	STREAM WIDTH (FEET)	09/03/90-08/25/92	1	3	
KATM0210	Yes	00004	STREAM WIDTH (FEET)	09/03/90-09/03/90	0	1	
KATM0214	Yes	00004	STREAM WIDTH (FEET)	09/04/90-08/25/92	1	3	
KATM0221	Yes	00004	STREAM WIDTH (FEET)	08/29/90-08/29/90	0	1	
KATM0226	Yes	00004	STREAM WIDTH (FEET)	08/10/91-08/26/92	1	2	
KATM0231	Yes	00004	STREAM WIDTH (FEET)	09/04/90-08/24/92	1	3	
KATM0235	Yes	00004	STREAM WIDTH (FEET)	08/29/90-08/29/90	0	1	
KATM0239	Yes	00004	STREAM WIDTH (FEET)	08/24/92-08/24/92	0	1	
KATM0001	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/30/92-08/06/94	2	4	
KATM0002	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/31/92-07/31/92	0	2	
KATM0003	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/08/94-08/08/94	0	2	
KATM0004	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/28/89-09/28/89	0	2	
KATM0005	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/18/93-06/18/93	0	1	
KATM0006	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/06/92-08/06/92	0	1	
KATM0007	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/16/89-08/16/89	0	1	
KATM0008	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/09/94-08/09/94	0	2	
KATM0009	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	12/10/89-08/01/92	2	3	
KATM0010	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/14/94-07/14/94	0	6	
KATM0011	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/14/94-07/14/94	0	6	
KATM0012	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/16/89-08/16/89	0	1	
KATM0013	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/14/94-07/14/94	0	6	
KATM0014	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/16/89-08/16/89	0	1	
KATM0015	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/16/89-08/16/89	0	1	
KATM0016	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/14/94-07/14/94	0	6	
KATM0017	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/16/89-08/16/89	0	1	
KATM0018	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/16/89-08/16/89	0	1	
KATM0019	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/29/89-09/29/89	0	3	
KATM0021	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/02/89-09/09/93	3	4	
KATM0022	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/10/94-08/10/94	0	2	
KATM0023	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/02/92-08/02/92	0	2	
KATM0024	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/29/89-09/29/89	0	1	
KATM0026	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/27/89-09/27/89	0	1	
KATM0027	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/27/89-09/27/89	0	1	
KATM0028	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/27/89-09/27/89	0	1	
KATM0029	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/27/89-09/27/89	0	1	
KATM0030	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/27/89-09/27/89	0	1	
KATM0031	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/27/89-09/27/89	0	1	
KATM0032	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/27/90-06/27/90	0	2	
KATM0049	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/17/89-08/17/89	0	1	
KATM0050	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/17/89-08/17/89	0	1	
KATM0060	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/17/89-08/17/89	0	1	
KATM0061	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/15/94-07/15/94	0	6	
KATM0066	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/15/94-07/15/94	0	6	
KATM0067	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/15/94-07/15/94	0	6	
KATM0069	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/17/89-08/17/89	0	1	
KATM0070	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/17/89-08/17/89	0	1	
KATM0080	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/04/92-08/04/92	0	2	
KATM0081	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/11/94-08/11/94	0	2	
KATM0084	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/17/89-08/17/89	0	1	
KATM0096	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/29/89-09/29/89	0	1	
KATM0179	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	07/15/94-07/15/94	0	6	
KATM0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/89-05/17/89	0	1	
KATM0034	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/90-08/24/90	0	1	
KATM0035	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	0	1	
KATM0036	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	0	1	
KATM0037	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	0	1	
KATM0039	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	0	1	
KATM0041	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/90-08/24/90	0	1	
KATM0042	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/90-08/05/90	0	16	
KATM0043	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/90-08/24/90	0	1	
KATM0044	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0045	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	0	1	
KATM0047	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/92-08/06/92	0	13	
KATM0048	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/90-08/24/90	0	1	
KATM0051	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	0	1	
KATM0052	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/91-07/25/91	0	13	
KATM0053	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	3	46	
KATM0054	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/90-08/27/90	0	1	
KATM0055	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/75-07/07/75	0	1	
KATM0056	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	0	1	
KATM0057	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/75-07/07/75	0	1	
KATM0058	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/92-08/06/92	0	14	
KATM0063	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/90-08/03/90	0	12	
KATM0064	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	0	1	
KATM0065	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/90-08/28/90	0	1	
KATM0071	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/95-08/07/97	2	35	
KATM0072	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/90-07/30/91	0	17	
KATM0073	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	3	42	
KATM0075	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/91-07/31/91	0	17	
KATM0076	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	0	1	
KATM0077	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	0	1	
KATM0082	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/92-08/07/92	0	11	
KATM0083	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/89-08/26/89	0	1	
KATM0085	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/89-08/26/89	0	1	
KATM0086	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/89-08/26/89	0	1	
KATM0087	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/82-07/25/82	0	1	
KATM0088	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/86-08/26/89	3	2	
KATM0089	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/26/82-07/26/82	0	1	
KATM0090	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	3	40	
KATM0091	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/89-08/26/89	0	1	
KATM0098	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-08/03/82	0	1	
KATM0100	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-08/03/82	0	1	
KATM0101	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/92-08/07/92	0	11	
KATM0102	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/84-08/09/84	0	1	
KATM0103	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-08/09/84	2	2	
KATM0104	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/89-08/31/89	0	1	
KATM0105	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/91-08/02/91	0	10	
KATM0107	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/90-08/05/90	0	11	
KATM0108	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/86-07/28/86	0	1	
KATM0109	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/89-08/31/89	0	1	
KATM0110	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/89-08/25/89	0	1	
KATM0113	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/84-08/06/84	0	1	
KATM0114	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/89-08/25/89	0	1	
KATM0118	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/90-06/06/90	0	1	
KATM0119	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/89-08/24/89	0	1	
KATM0121	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/86-08/05/86	0	1	
KATM0123	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/89-03/15/91	1	3	
KATM0124	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/90-03/15/91	0	2	
KATM0126	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/87-08/23/89	2	3	
KATM0130	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/87-07/24/87	0	1	
KATM0131	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/89-08/24/89	0	1	
KATM0132	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/82-08/04/82	0	1	
KATM0133	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/89-08/24/89	0	1	
KATM0135	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/90-06/08/90	0	1	
KATM0136	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/90-06/08/90	0	1	
KATM0137	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/89-08/21/89	0	1	
KATM0138	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/90-06/02/90	0	1	
KATM0139	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/90-08/31/90	0	1	
KATM0140	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/89-08/28/89	0	1	
KATM0141	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/91-08/02/91	0	13	
KATM0142	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/82-08/28/89	7	2	
KATM0144	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/84-08/06/84	0	1	
KATM0145	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/90-08/31/90	0	1	
KATM0146	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/86-08/06/86	0	1	
KATM0147	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/82-06/05/90	7	4	
KATM0148	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/89-08/20/89	0	1	
KATM0151	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/82-06/03/90	7	3	
KATM0153	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/90-08/03/90	0	13	
KATM0154	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/89-08/20/89	0	1	
KATM0155	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/86-07/20/86	0	1	
KATM0156	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/82-08/19/89	7	3	
KATM0158	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	3	41	
KATM0159	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/82-06/03/90	7	4	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0160	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/69-06/10/69	0	1	
KATM0161	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/82-08/20/89	7	3	
KATM0162	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/69-06/04/69	0	1	
KATM0164	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/91-08/05/92	1	22	
KATM0165	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/92-08/05/92	0	10	
KATM0166	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/90-07/28/92	1	48	
KATM0167	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	3	45	
KATM0171	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	3	31	
KATM0172	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/90-07/27/92	1	31	
KATM0173	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	3	38	
KATM0174	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/90-09/04/90	0	1	
KATM0175	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/69-06/06/69	0	1	
KATM0180	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/90-08/28/90	0	1	
KATM0184	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/69-06/07/69	0	1	
KATM0200	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/94-08/05/97	3	46	
KATM0206	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/90-09/04/90	0	1	
KATM0208	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/91-08/25/92	1	2	
KATM0211	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/92-08/08/92	0	10	
KATM0212	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/91-08/04/91	0	10	
KATM0214	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/90-08/25/92	1	3	
KATM0216	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/90-08/04/92	1	35	
KATM0218	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/90-08/09/90	0	12	
KATM0219	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/67-09/26/72	5	8	
KATM0222	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/94-08/05/97	3	47	
KATM0223	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	3	17	
KATM0226	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/91-08/26/92	1	2	
KATM0228	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/90-08/02/90	0	6	
KATM0231	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/90-08/08/91	0	2	
KATM0235	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/90-08/24/92	1	3	
KATM0239	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/92-08/24/92	0	1	
KATM0248	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/70-09/25/72	2	10	
KATM0025	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/17/89-05/17/89	0	1	
KATM0219	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/03/67-10/03/67	0	1	
KATM0025	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/17/89-05/17/89	0	1	
KATM0219	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/03/67-10/03/67	0	1	
KATM0219	No	00049	SURFACE AREA IN SQUARE MILES	06/27/56-09/26/72	16	12	
KATM0248	No	00049	SURFACE AREA IN SQUARE MILES	07/08/64-09/25/72	8	13	
KATM0034	Yes	00055	VELOCITY, STREAM FT/SEC	08/24/90-08/24/90	0	1	
KATM0041	Yes	00055	VELOCITY, STREAM FT/SEC	08/24/90-08/24/90	0	1	
KATM0043	Yes	00055	VELOCITY, STREAM FT/SEC	08/24/90-08/24/90	0	1	
KATM0048	Yes	00055	VELOCITY, STREAM FT/SEC	08/24/90-08/24/90	0	1	
KATM0054	Yes	00055	VELOCITY, STREAM FT/SEC	08/27/90-08/27/90	0	1	
KATM0065	Yes	00055	VELOCITY, STREAM FT/SEC	08/28/90-08/28/90	0	1	
KATM0145	Yes	00055	VELOCITY, STREAM FT/SEC	08/31/90-08/31/90	0	1	
KATM0174	Yes	00055	VELOCITY, STREAM FT/SEC	09/04/90-09/04/90	0	1	
KATM0180	Yes	00055	VELOCITY, STREAM FT/SEC	08/28/90-08/28/90	0	1	
KATM0206	Yes	00055	VELOCITY, STREAM FT/SEC	09/04/90-09/04/90	0	1	
KATM0208	Yes	00055	VELOCITY, STREAM FT/SEC	09/03/90-08/25/92	1	3	
KATM0210	Yes	00055	VELOCITY, STREAM FT/SEC	09/03/90-09/03/90	0	1	
KATM0214	Yes	00055	VELOCITY, STREAM FT/SEC	09/04/90-08/25/92	1	3	
KATM0221	Yes	00055	VELOCITY, STREAM FT/SEC	08/29/90-08/29/90	0	1	
KATM0226	Yes	00055	VELOCITY, STREAM FT/SEC	08/10/91-08/26/92	1	2	
KATM0231	Yes	00055	VELOCITY, STREAM FT/SEC	09/04/90-08/24/92	1	3	
KATM0235	Yes	00055	VELOCITY, STREAM FT/SEC	08/29/90-08/29/90	0	1	
KATM0239	Yes	00055	VELOCITY, STREAM FT/SEC	08/24/92-08/24/92	0	1	
KATM0025	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/17/89-05/17/89	0	1	
KATM0034	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/90-08/24/90	0	1	
KATM0041	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/90-08/24/90	0	1	
KATM0043	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/90-08/24/90	0	1	
KATM0048	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/90-08/24/90	0	1	
KATM0054	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/27/90-08/27/90	0	1	
KATM0065	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/28/90-08/28/90	0	1	
KATM0139	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/31/90-08/31/90	0	1	
KATM0145	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/31/90-08/31/90	0	1	
KATM0174	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/04/90-09/04/90	0	1	
KATM0180	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/28/90-08/28/90	0	1	
KATM0206	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/04/90-09/04/90	0	1	
KATM0208	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/90-08/25/92	1	3	
KATM0210	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/90-09/03/90	0	1	
KATM0214	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/04/90-08/25/92	1	3	
KATM0219	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/15/67-09/26/72	5	10	
KATM0221	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/29/90-08/29/90	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0226	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/10/91-08/26/92	1	2	
KATM0231	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/04/90-08/24/92	1	3	
KATM0235	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/29/90-08/29/90	0	1	
KATM0239	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/92-08/24/92	0	1	
KATM0248	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/27/70-09/25/72	2	12	
KATM0020	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/13/89-08/13/89	0	1	
KATM0062	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/13/89-08/13/89	0	1	
KATM0219	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/17/71-09/26/72	1	3	
KATM0224	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/24/80-04/24/80	0	1	
KATM0248	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/72-09/25/72	0	3	
KATM0042	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/05/90-08/05/90	0	1	
KATM0047	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/92-08/06/92	0	1	
KATM0052	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/25/91-07/25/91	0	1	
KATM0053	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-08/07/97	3	5	
KATM0058	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/92-08/06/92	0	1	
KATM0063	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/03/90-08/03/90	0	1	
KATM0071	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/95-08/07/97	2	4	
KATM0072	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/10/90-07/30/91	0	2	
KATM0073	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-08/07/97	3	5	
KATM0075	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/91-07/31/91	0	1	
KATM0082	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/07/92-08/07/92	0	1	
KATM0090	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/12/95-08/07/97	1	4	
KATM0101	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/07/92-08/07/92	0	1	
KATM0105	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/02/91-08/02/91	0	1	
KATM0107	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/05/90-08/05/90	0	1	
KATM0112	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/01/61-06/01/61	0	1	
KATM0141	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/02/91-08/02/91	0	1	
KATM0152	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/01/61-07/01/61	0	1	
KATM0153	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/03/90-08/03/90	0	1	
KATM0158	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-07/25/96	1	3	
KATM0163	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/01/61-07/01/61	0	1	
KATM0164	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/91-08/05/92	1	2	
KATM0165	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/05/92-08/05/92	0	1	
KATM0166	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/04/90-07/28/92	1	3	
KATM0167	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-07/25/96	1	3	
KATM0171	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-07/25/96	1	3	
KATM0172	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/90-07/27/92	1	3	
KATM0173	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-07/25/96	1	3	
KATM0176	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/01/61-06/01/61	0	1	
KATM0200	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/30/94-08/05/97	3	5	
KATM0211	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/92-08/08/92	0	1	
KATM0212	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/04/91-08/04/91	0	1	
KATM0216	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/09/90-08/04/92	1	3	
KATM0218	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/09/90-08/09/90	0	1	
KATM0222	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/30/94-08/05/97	3	5	
KATM0223	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-08/05/97	3	4	
KATM0225	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/01/61-06/01/61	0	1	
KATM0228	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/02/90-08/02/90	0	1	
KATM0229	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/01/61-06/01/61	0	1	
KATM0020	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/13/89-08/13/89	0	1	
KATM0062	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/13/89-08/13/89	0	1	
KATM0111	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/92-07/23/92	0	1	
KATM0115	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/92-07/23/92	0	1	
KATM0134	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/92-07/23/92	0	1	
KATM0149	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/92-07/23/92	0	1	
KATM0160	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/10/69-06/10/69	0	1	
KATM0162	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/04/69-06/04/69	0	1	
KATM0175	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/06/69-06/06/69	0	1	
KATM0184	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/07/69-06/07/69	0	1	
KATM0208	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/10/91-08/25/92	1	2	
KATM0214	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/10/91-08/25/92	1	2	
KATM0219	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/27/56-06/16/72	15	9	T
KATM0226	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/10/91-08/26/92	1	2	
KATM0231	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/08/91-08/08/91	0	1	
KATM0235	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/10/91-08/24/92	1	2	
KATM0239	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/92-08/24/92	0	1	
KATM0247	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/07/64-07/07/64	0	1	
KATM0248	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/08/64-09/25/72	8	4	
KATM0042	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/05/90-08/05/90	0	1	
KATM0047	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/06/92-08/06/92	0	1	
KATM0052	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/25/91-07/25/91	0	1	
KATM0058	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/06/92-08/06/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0063	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/03/90-08/03/90	0	1	
KATM0072	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/10/90-07/30/91	0	2	
KATM0075	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/31/91-07/31/91	0	1	
KATM0082	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/07/92-08/07/92	0	1	
KATM0101	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/07/92-08/07/92	0	1	
KATM0105	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/02/91-08/02/91	0	1	
KATM0107	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/05/90-08/05/90	0	1	
KATM0141	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/02/91-08/02/91	0	1	
KATM0153	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/03/90-08/03/90	0	1	
KATM0164	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/31/91-08/05/92	1	2	
KATM0165	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/05/92-08/05/92	0	1	
KATM0166	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/04/90-07/28/92	1	3	
KATM0172	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/06/90-07/27/92	1	3	
KATM0211	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/08/92-08/08/92	0	1	
KATM0212	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/04/91-08/04/91	0	1	
KATM0216	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/09/90-08/04/92	1	3	
KATM0218	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/09/90-08/09/90	0	1	
KATM0228	Yes	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/02/90-08/02/90	0	1	
KATM0035	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	0	1	
KATM0036	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	0	1	
KATM0037	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	0	1	
KATM0039	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	0	1	
KATM0042	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/90-08/05/90	0	16	
KATM0044	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	0	1	
KATM0045	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	0	1	
KATM0047	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/92-08/06/92	0	13	
KATM0051	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	0	1	
KATM0052	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/91-07/25/91	0	13	
KATM0053	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	3	46	T,A
KATM0055	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/07/75-07/07/75	0	1	
KATM0056	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	0	1	
KATM0057	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/07/75-07/07/75	0	1	
KATM0058	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/92-08/06/92	0	14	
KATM0063	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/90-08/03/90	0	12	
KATM0064	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	0	1	
KATM0071	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/95-08/07/97	2	35	T
KATM0072	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/90-07/30/91	0	17	
KATM0073	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	3	42	T,A
KATM0075	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/91-07/31/91	0	17	
KATM0076	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	0	1	
KATM0077	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	0	1	
KATM0082	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/92-08/07/92	0	11	
KATM0083	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/89-08/26/89	0	1	
KATM0085	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/89-08/26/89	0	1	
KATM0086	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/89-08/26/89	0	1	
KATM0087	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/82-07/25/82	0	1	
KATM0088	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/01/86-08/26/89	3	2	
KATM0089	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/26/82-07/26/82	0	1	
KATM0090	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	3	40	T
KATM0091	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/89-08/26/89	0	1	
KATM0098	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/82-08/03/82	0	1	
KATM0100	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/82-08/03/82	0	1	
KATM0101	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/92-08/07/92	0	11	
KATM0102	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/84-08/09/84	0	1	
KATM0103	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/84-08/09/84	0	1	
KATM0104	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/89-08/31/89	0	1	
KATM0105	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/02/91-08/02/91	0	10	
KATM0107	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/90-08/05/90	0	11	
KATM0108	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/86-07/28/86	0	1	
KATM0109	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/89-08/31/89	0	1	
KATM0110	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/25/89-08/25/89	0	1	
KATM0113	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/84-08/06/84	0	1	
KATM0114	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/25/89-08/25/89	0	1	
KATM0118	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/06/90-06/06/90	0	1	
KATM0119	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/89-08/24/89	0	1	
KATM0121	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/86-08/05/86	0	1	
KATM0123	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/89-03/15/91	1	3	
KATM0124	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/04/90-03/15/91	0	2	
KATM0126	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/89-08/23/89	0	2	
KATM0131	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/89-08/24/89	0	1	
KATM0132	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/82-08/04/82	0	1	
KATM0133	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	08/24/89-08/24/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0135	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/90-06/08/90	0	1	
KATM0136	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/90-06/08/90	0	1	
KATM0137	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/21/89-08/21/89	0	1	
KATM0138	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/90-06/02/90	0	1	
KATM0140	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/28/89-08/28/89	0	1	
KATM0141	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/02/91-08/02/91	0	13	
KATM0142	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/82-08/28/89	7	2	
KATM0144	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/84-08/06/84	0	1	
KATM0146	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/86-08/06/86	0	1	
KATM0147	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/82-06/05/90	7	4	
KATM0148	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/89-08/20/89	0	1	
KATM0151	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/12/82-06/03/90	7	3	
KATM0153	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/90-08/03/90	0	13	
KATM0154	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/89-08/20/89	0	1	
KATM0155	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/86-07/20/86	0	1	
KATM0156	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/19/82-08/19/89	7	3	
KATM0158	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-07/25/96	1	33	
KATM0159	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/12/82-06/03/90	7	4	
KATM0161	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/14/82-08/20/89	7	3	
KATM0164	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/91-08/05/92	1	21	
KATM0165	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/92-08/05/92	0	10	
KATM0166	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/90-07/28/92	1	48	
KATM0167	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-07/25/96	1	35	
KATM0171	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-07/25/96	1	24	
KATM0172	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/90-07/27/92	1	31	
KATM0173	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-07/25/96	1	29	
KATM0200	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/94-08/05/97	3	46	T,A
KATM0208	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/91-08/25/92	1	2	
KATM0211	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/08/92-08/08/92	0	10	
KATM0212	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/91-08/04/91	0	10	
KATM0214	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/91-08/25/92	1	2	
KATM0216	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/90-08/04/92	1	35	
KATM0218	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/90-08/09/90	0	12	
KATM0222	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/94-08/05/97	3	47	T,A
KATM0223	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/05/97	3	17	T
KATM0226	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/91-08/26/92	1	2	
KATM0228	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/02/90-08/02/90	0	6	
KATM0231	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/08/91-08/08/91	0	1	
KATM0235	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/91-08/24/92	1	2	
KATM0239	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/92-08/24/92	0	1	
KATM0020	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/89-08/13/89	0	1	
KATM0025	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/17/89-05/17/89	0	1	
KATM0034	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/90-08/24/90	0	1	
KATM0041	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/90-08/24/90	0	1	
KATM0043	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/90-08/24/90	0	1	
KATM0048	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/90-08/24/90	0	1	
KATM0054	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/90-08/27/90	0	1	
KATM0062	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/89-08/13/89	0	1	
KATM0065	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/90-08/28/90	0	1	
KATM0106	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/91-08/15/91	0	1	
KATM0117	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/91-08/15/91	0	1	
KATM0125	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/91-08/15/91	0	1	
KATM0139	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/90-08/31/90	0	1	
KATM0145	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/90-08/31/90	0	1	
KATM0160	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/69-06/10/69	0	1	
KATM0162	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/04/69-06/04/69	0	1	
KATM0174	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/90-09/04/90	0	1	
KATM0175	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/06/69-06/06/69	0	1	
KATM0180	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/90-08/28/90	0	1	
KATM0181	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/53-09/08/53	0	1	
KATM0182	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/90-09/03/90	0	1	
KATM0184	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/53-09/08/53	0	1	
KATM0206	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/90-09/04/90	0	1	
KATM0208	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/90-09/03/90	0	1	
KATM0210	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/90-09/03/90	0	1	
KATM0214	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/90-09/04/90	0	1	
KATM0219	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/56-09/26/72	16	11	T
KATM0221	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/90-08/29/90	0	1	
KATM0224	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/24/80-04/24/80	0	1	
KATM0231	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/90-09/04/90	0	1	
KATM0235	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	08/29/90-08/29/90	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0247	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/07/64-01/15/71	6	2	
KATM0248	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/08/64-09/25/72	8	13	T
KATM0042	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/05/90-08/05/90	0	1	
KATM0047	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/06/92-08/06/92	0	1	
KATM0052	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	07/25/91-07/25/91	0	1	
KATM0058	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/06/92-08/06/92	0	1	
KATM0063	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/03/90-08/03/90	0	1	
KATM0072	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/10/90-07/30/91	0	2	
KATM0075	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	07/31/91-07/31/91	0	1	
KATM0082	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/07/92-08/07/92	0	1	
KATM0101	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/07/92-08/07/92	0	1	
KATM0105	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/02/91-08/02/91	0	1	
KATM0107	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/05/90-08/05/90	0	1	
KATM0141	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/02/91-08/02/91	0	1	
KATM0153	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/03/90-08/03/90	0	1	
KATM0164	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	07/31/91-08/05/92	1	2	
KATM0165	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/05/92-08/05/92	0	1	
KATM0166	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/04/90-07/28/92	1	3	
KATM0172	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/06/90-07/27/92	1	3	
KATM0211	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/08/92-08/08/92	0	1	
KATM0212	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/04/91-08/04/91	0	1	
KATM0216	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/09/90-08/04/92	1	3	
KATM0218	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/09/90-08/09/90	0	1	
KATM0228	Yes	00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/02/90-08/02/90	0	1	
KATM0042	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/90-08/05/90	0	16	
KATM0047	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/92-08/06/92	0	13	
KATM0052	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/25/91-07/25/91	0	13	
KATM0053	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-08/07/97	3	33	T
KATM0058	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/92-08/06/92	0	14	
KATM0063	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/03/90-08/03/90	0	4	
KATM0071	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/31/95-08/07/97	2	35	T
KATM0072	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/10/90-07/30/91	0	17	
KATM0073	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-08/07/97	3	31	T
KATM0075	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/31/91-07/31/91	0	17	
KATM0082	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/92-08/07/92	0	11	
KATM0090	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-08/07/97	3	28	T
KATM0101	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/92-08/07/92	0	11	
KATM0105	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/02/91-08/02/91	0	10	
KATM0107	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/90-08/05/90	0	11	
KATM0141	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/02/91-08/02/91	0	13	
KATM0153	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/03/90-08/03/90	0	13	
KATM0158	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-07/25/96	1	22	
KATM0164	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/31/91-08/05/92	1	21	
KATM0165	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/92-08/05/92	0	10	
KATM0166	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/90-07/28/92	1	48	
KATM0167	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-07/25/96	1	23	
KATM0171	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-07/25/96	1	16	
KATM0172	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/90-07/27/92	1	31	
KATM0173	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-07/25/96	1	19	
KATM0200	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/30/94-08/05/97	3	35	T
KATM0211	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/92-08/08/92	0	10	
KATM0212	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/91-08/04/91	0	10	
KATM0216	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/09/90-08/04/92	1	35	
KATM0218	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/09/90-08/09/90	0	12	
KATM0222	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/30/94-08/05/97	3	35	T
KATM0223	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-08/05/97	3	17	T
KATM0228	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/02/90-08/02/90	0	5	
KATM0053	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	3	46	T,A
KATM0071	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/31/95-08/07/97	2	35	T
KATM0073	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	3	42	T,A
KATM0090	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	3	40	T
KATM0158	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-07/25/96	1	33	
KATM0167	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-07/25/96	1	35	
KATM0171	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-07/25/96	1	24	
KATM0173	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-07/25/96	1	29	
KATM0200	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/30/94-08/05/97	3	46	T,A
KATM0222	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/30/94-08/05/97	3	47	T,A
KATM0223	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/05/97	3	17	T
KATM0106	Yes	00400	PH (STANDARD UNITS)	08/15/91-08/15/91	0	1	
KATM0112	Yes	00400	PH (STANDARD UNITS)	06/01/61-06/01/61	0	1	
KATM0117	Yes	00400	PH (STANDARD UNITS)	08/15/91-08/15/91	0	1	
KATM0125	Yes	00400	PH (STANDARD UNITS)	08/15/91-08/15/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0152	Yes	00400	PH (STANDARD UNITS)	07/01/61-07/01/61	0	1	
KATM0160	Yes	00400	PH (STANDARD UNITS)	06/10/69-06/10/69	0	1	
KATM0162	Yes	00400	PH (STANDARD UNITS)	06/04/69-06/04/69	0	1	
KATM0163	Yes	00400	PH (STANDARD UNITS)	07/01/61-07/01/61	0	1	
KATM0175	Yes	00400	PH (STANDARD UNITS)	06/06/69-06/06/69	0	1	
KATM0176	Yes	00400	PH (STANDARD UNITS)	06/01/61-06/01/61	0	1	
KATM0181	Yes	00400	PH (STANDARD UNITS)	09/08/53-09/08/53	0	1	
KATM0184	Yes	00400	PH (STANDARD UNITS)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00400	PH (STANDARD UNITS)	09/08/53-09/08/53	0	1	
KATM0219	No	00400	PH (STANDARD UNITS)	06/27/56-06/16/72	15	10	T
KATM0225	Yes	00400	PH (STANDARD UNITS)	06/01/61-06/01/61	0	1	
KATM0229	Yes	00400	PH (STANDARD UNITS)	06/01/61-06/01/61	0	1	
KATM0247	No	00400	PH (STANDARD UNITS)	07/07/64-01/15/71	6	2	
KATM0248	No	00400	PH (STANDARD UNITS)	07/08/64-09/25/72	8	4	
KATM0020	Yes	00403	PH, LAB, STANDARD UNITS SU	08/13/89-08/13/89	0	1	
KATM0055	Yes	00403	PH, LAB, STANDARD UNITS SU	07/07/75-07/07/75	0	1	
KATM0057	Yes	00403	PH, LAB, STANDARD UNITS SU	07/07/75-07/07/75	0	1	
KATM0062	Yes	00403	PH, LAB, STANDARD UNITS SU	08/13/89-08/13/89	0	1	
KATM0083	Yes	00403	PH, LAB, STANDARD UNITS SU	08/26/89-08/26/89	0	1	
KATM0085	Yes	00403	PH, LAB, STANDARD UNITS SU	08/26/89-08/26/89	0	1	
KATM0086	Yes	00403	PH, LAB, STANDARD UNITS SU	08/26/89-08/26/89	0	1	
KATM0087	Yes	00403	PH, LAB, STANDARD UNITS SU	07/25/82-07/25/82	0	1	
KATM0088	Yes	00403	PH, LAB, STANDARD UNITS SU	08/01/86-08/26/89	3	2	
KATM0089	Yes	00403	PH, LAB, STANDARD UNITS SU	07/26/82-07/26/82	0	1	
KATM0091	Yes	00403	PH, LAB, STANDARD UNITS SU	08/26/89-08/26/89	0	1	
KATM0098	Yes	00403	PH, LAB, STANDARD UNITS SU	08/03/82-08/03/82	0	1	
KATM0100	Yes	00403	PH, LAB, STANDARD UNITS SU	08/03/82-08/03/82	0	1	
KATM0102	Yes	00403	PH, LAB, STANDARD UNITS SU	08/09/84-08/09/84	0	1	
KATM0103	Yes	00403	PH, LAB, STANDARD UNITS SU	08/03/82-08/09/84	2	2	
KATM0104	Yes	00403	PH, LAB, STANDARD UNITS SU	08/31/89-08/31/89	0	1	
KATM0108	Yes	00403	PH, LAB, STANDARD UNITS SU	07/28/86-07/28/86	0	1	
KATM0109	Yes	00403	PH, LAB, STANDARD UNITS SU	08/31/89-08/31/89	0	1	
KATM0110	Yes	00403	PH, LAB, STANDARD UNITS SU	08/25/89-08/25/89	0	1	
KATM0113	Yes	00403	PH, LAB, STANDARD UNITS SU	08/06/84-08/06/84	0	1	
KATM0114	Yes	00403	PH, LAB, STANDARD UNITS SU	08/25/89-08/25/89	0	1	
KATM0118	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/90-06/06/90	0	1	
KATM0119	Yes	00403	PH, LAB, STANDARD UNITS SU	08/24/89-08/24/89	0	1	
KATM0121	Yes	00403	PH, LAB, STANDARD UNITS SU	08/05/86-08/05/86	0	1	
KATM0123	Yes	00403	PH, LAB, STANDARD UNITS SU	08/23/89-03/15/91	1	3	
KATM0124	Yes	00403	PH, LAB, STANDARD UNITS SU	06/04/90-03/15/91	0	2	
KATM0126	Yes	00403	PH, LAB, STANDARD UNITS SU	07/24/87-08/23/89	2	3	
KATM0130	Yes	00403	PH, LAB, STANDARD UNITS SU	07/24/87-07/24/87	0	1	
KATM0131	Yes	00403	PH, LAB, STANDARD UNITS SU	08/24/89-08/24/89	0	1	
KATM0132	Yes	00403	PH, LAB, STANDARD UNITS SU	08/04/82-08/04/82	0	1	
KATM0133	Yes	00403	PH, LAB, STANDARD UNITS SU	08/24/89-08/24/89	0	1	
KATM0135	Yes	00403	PH, LAB, STANDARD UNITS SU	06/08/90-06/08/90	0	1	
KATM0136	Yes	00403	PH, LAB, STANDARD UNITS SU	06/08/90-06/08/90	0	1	
KATM0137	Yes	00403	PH, LAB, STANDARD UNITS SU	08/21/89-08/21/89	0	1	
KATM0138	Yes	00403	PH, LAB, STANDARD UNITS SU	06/02/90-06/02/90	0	1	
KATM0140	Yes	00403	PH, LAB, STANDARD UNITS SU	08/28/89-08/28/89	0	1	
KATM0142	Yes	00403	PH, LAB, STANDARD UNITS SU	08/13/82-08/28/89	7	2	
KATM0144	Yes	00403	PH, LAB, STANDARD UNITS SU	08/06/84-08/06/84	0	1	
KATM0146	Yes	00403	PH, LAB, STANDARD UNITS SU	08/06/86-08/06/86	0	1	
KATM0147	Yes	00403	PH, LAB, STANDARD UNITS SU	08/13/82-06/05/90	7	4	
KATM0148	Yes	00403	PH, LAB, STANDARD UNITS SU	08/20/89-08/20/89	0	1	
KATM0151	Yes	00403	PH, LAB, STANDARD UNITS SU	08/12/82-06/03/90	7	3	
KATM0154	Yes	00403	PH, LAB, STANDARD UNITS SU	08/20/89-08/20/89	0	1	
KATM0155	Yes	00403	PH, LAB, STANDARD UNITS SU	07/20/86-07/20/86	0	1	
KATM0156	Yes	00403	PH, LAB, STANDARD UNITS SU	07/19/82-08/19/89	7	3	
KATM0159	Yes	00403	PH, LAB, STANDARD UNITS SU	08/12/82-06/03/90	7	4	
KATM0161	Yes	00403	PH, LAB, STANDARD UNITS SU	08/14/82-08/20/89	7	3	
KATM0224	No	00403	PH, LAB, STANDARD UNITS SU	04/24/80-04/24/80	0	1	
KATM0160	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/10/69-06/10/69	0	1	
KATM0162	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/04/69-06/04/69	0	1	
KATM0175	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/06/69-06/06/69	0	1	
KATM0181	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/08/53-09/08/53	0	1	
KATM0184	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/08/53-09/08/53	0	1	
KATM0219	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/27/56-06/16/72	15	9	T
KATM0247	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/07/64-01/15/71	6	2	
KATM0248	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/08/64-09/25/72	8	4	
KATM0033	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/04/86-09/04/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0034	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/90-08/24/90	0	1	
KATM0035	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	0	1	
KATM0036	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	0	1	
KATM0037	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	0	1	
KATM0038	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/04/86-08/04/86	0	1	
KATM0039	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	0	1	
KATM0040	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	0	1	
KATM0041	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/90-08/24/90	0	1	
KATM0042	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/05/90-08/05/90	0	16	
KATM0043	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/90-08/24/90	0	1	
KATM0044	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	0	1	
KATM0045	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	0	1	
KATM0046	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/26/86-07/26/86	0	1	
KATM0047	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/06/92-08/06/92	0	13	
KATM0048	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/90-08/24/90	0	1	
KATM0051	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	0	1	
KATM0052	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/25/91-07/25/91	0	13	
KATM0053	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	3	46	T,A
KATM0054	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/27/90-08/27/90	0	1	
KATM0055	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/07/75-07/07/75	0	1	
KATM0056	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	0	1	
KATM0057	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/07/75-07/07/75	0	1	
KATM0058	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/06/92-08/06/92	0	14	
KATM0059	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	0	1	
KATM0063	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/03/90-08/03/90	0	12	
KATM0064	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	0	1	
KATM0065	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/28/90-08/28/90	0	1	
KATM0068	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	0	1	
KATM0071	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/95-08/07/97	2	35	T
KATM0072	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/10/90-07/30/91	0	17	
KATM0073	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	3	42	T,A
KATM0074	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	0	1	
KATM0075	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/91-07/31/91	0	17	
KATM0076	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	0	1	
KATM0077	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	0	1	
KATM0078	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	0	1	
KATM0079	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	0	1	
KATM0082	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/07/92-08/07/92	0	11	
KATM0083	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/26/89-08/26/89	0	1	
KATM0085	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/26/89-08/26/89	0	1	
KATM0086	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/26/89-08/26/89	0	1	
KATM0087	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/25/82-07/25/82	0	1	
KATM0088	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/01/86-08/26/89	3	2	
KATM0089	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/26/82-07/26/82	0	1	
KATM0090	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	3	40	T
KATM0091	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/26/89-08/26/89	0	1	
KATM0095	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	0	1	
KATM0097	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	0	1	
KATM0098	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/03/82-08/03/82	0	1	
KATM0100	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/03/82-08/03/82	0	1	
KATM0101	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/07/92-08/07/92	0	11	
KATM0102	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/09/84-08/09/84	0	1	
KATM0103	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/03/82-08/09/84	2	2	
KATM0105	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/02/91-08/02/91	0	10	
KATM0107	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/05/90-08/05/90	0	11	
KATM0108	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/28/86-07/28/86	0	1	
KATM0110	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/25/89-08/25/89	0	1	
KATM0113	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/06/84-08/06/84	0	1	
KATM0114	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/25/89-08/25/89	0	1	
KATM0116	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/20/86-07/20/86	0	1	
KATM0118	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/06/90-06/06/90	0	1	
KATM0119	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/89-08/24/89	0	1	
KATM0120	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/04/86-09/04/86	0	1	
KATM0121	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/05/86-08/05/86	0	1	
KATM0123	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/23/89-03/15/91	1	3	
KATM0124	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/04/90-03/15/91	0	2	
KATM0126	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/87-08/23/89	2	3	
KATM0130	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/24/87-07/24/87	0	1	
KATM0131	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/89-08/24/89	0	1	
KATM0132	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/04/82-08/04/82	0	1	
KATM0133	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/89-08/24/89	0	1	
KATM0135	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/08/90-06/08/90	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0136	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/08/90-06/08/90	0	1	
KATM0138	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/02/90-06/02/90	0	1	
KATM0139	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/31/90-08/31/90	0	1	
KATM0140	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/28/89-08/28/89	0	1	
KATM0141	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/02/91-08/02/91	0	13	
KATM0142	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/13/82-08/13/82	0	1	
KATM0144	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/06/84-08/06/84	0	1	
KATM0145	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/31/90-08/31/90	0	1	
KATM0146	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/06/86-08/06/86	0	1	
KATM0147	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/13/82-06/05/90	7	4	
KATM0151	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/12/82-06/03/90	7	3	
KATM0153	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/03/90-08/03/90	0	13	
KATM0155	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/20/86-07/20/86	0	1	
KATM0156	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/19/82-07/19/86	4	2	
KATM0158	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	3	41	T
KATM0159	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/12/82-06/03/90	7	3	
KATM0161	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/14/82-07/20/86	3	2	
KATM0164	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/91-08/05/92	1	21	
KATM0165	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/05/92-08/05/92	0	10	
KATM0166	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/04/90-07/28/92	1	48	
KATM0167	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	3	45	T,A
KATM0171	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	3	31	T
KATM0172	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/06/90-07/27/92	1	31	
KATM0173	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	3	38	T,A
KATM0174	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/04/90-09/04/90	0	1	
KATM0177	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/02/86-08/02/86	0	1	
KATM0180	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/28/90-08/28/90	0	1	
KATM0182	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/03/90-09/03/90	0	1	
KATM0200	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/30/94-08/05/97	3	46	T,A
KATM0205	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/13/84-08/13/84	0	1	
KATM0206	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/04/90-09/04/90	0	1	
KATM0208	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/03/90-08/25/92	1	3	
KATM0210	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/03/90-09/03/90	0	1	
KATM0211	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/08/92-08/08/92	0	10	
KATM0212	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/04/91-08/04/91	0	10	
KATM0214	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/04/90-08/25/92	1	3	
KATM0215	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/19/84-08/19/84	0	1	
KATM0216	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/09/90-08/04/92	1	35	
KATM0218	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/09/90-08/09/90	0	12	
KATM0220	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/14/84-08/18/84	0	2	
KATM0221	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/29/90-08/29/90	0	1	
KATM0222	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/30/94-08/05/97	3	47	T,A
KATM0223	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	3	17	T
KATM0226	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/10/91-08/26/92	1	2	
KATM0228	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/02/90-08/02/90	0	6	
KATM0231	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/04/90-08/08/91	0	2	
KATM0232	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/20/86-07/20/86	0	1	
KATM0234	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/18/84-08/18/84	0	1	
KATM0235	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/29/90-08/24/92	1	3	
KATM0237	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/25/84-08/25/84	0	1	
KATM0238	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/23/84-08/23/84	0	1	
KATM0239	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/92-08/24/92	0	1	
KATM0240	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/10/86-08/10/86	0	1	
KATM0033	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/04/86-09/04/86	0	1	
KATM0040	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	0	1	
KATM0046	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/26/86-07/26/86	0	1	
KATM0059	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	0	1	
KATM0062	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/89-08/13/89	0	1	
KATM0068	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	0	1	
KATM0074	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	0	1	
KATM0078	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	0	1	
KATM0079	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	0	1	
KATM0095	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	0	1	
KATM0097	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	0	1	
KATM0106	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/91-08/15/91	0	1	
KATM0112	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/61-06/01/61	0	1	
KATM0116	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/86-07/20/86	0	1	
KATM0117	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/91-08/15/91	0	1	
KATM0120	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/04/86-09/04/86	0	1	
KATM0125	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/91-08/15/91	0	1	
KATM0152	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/61-07/01/61	0	1	
KATM0160	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/69-06/10/69	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0162	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/04/69-06/04/69	0	1	
KATM0163	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/61-07/01/61	0	1	
KATM0175	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/69-06/06/69	0	1	
KATM0176	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/61-06/01/61	0	1	
KATM0177	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/86-08/02/86	0	1	
KATM0181	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/08/53-09/08/53	0	1	
KATM0184	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/08/53-09/08/53	0	1	
KATM0205	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/84-08/13/84	0	1	
KATM0219	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/56-06/16/72	15	9	T
KATM0220	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/84-08/18/84	0	2	
KATM0224	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/24/80-04/24/80	0	1	
KATM0225	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/61-06/01/61	0	1	
KATM0227	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/84-08/19/84	0	1	
KATM0229	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/61-06/01/61	0	1	
KATM0232	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/86-07/20/86	0	1	
KATM0234	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/84-08/18/84	0	1	
KATM0237	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/25/84-08/25/84	0	1	
KATM0238	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/84-08/23/84	0	1	
KATM0240	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/86-08/10/86	0	1	
KATM0247	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/64-01/15/71	6	2	
KATM0248	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/64-09/25/72	8	4	
KATM0106	Yes	00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	08/15/91-08/15/91	0	1	
KATM0117	Yes	00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	08/15/91-08/15/91	0	1	
KATM0125	Yes	00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	08/15/91-08/15/91	0	1	
KATM0034	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/90-08/24/90	0	1	
KATM0036	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/92-07/24/92	0	1	
KATM0037	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/92-07/24/92	0	1	
KATM0039	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/92-07/24/92	0	1	
KATM0041	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/90-08/24/90	0	1	
KATM0043	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/90-08/24/90	0	1	
KATM0045	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/92-07/24/92	0	1	
KATM0048	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/90-08/24/90	0	1	
KATM0054	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/27/90-08/27/90	0	1	
KATM0065	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/28/90-08/28/90	0	1	
KATM0076	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/92-07/24/92	0	1	
KATM0077	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/92-07/24/92	0	1	
KATM0106	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/15/91-08/15/91	0	1	
KATM0111	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/23/92-07/23/92	0	1	
KATM0115	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/23/92-07/23/92	0	1	
KATM0117	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/15/91-08/15/91	0	1	
KATM0125	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/15/91-08/15/91	0	1	
KATM0134	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/23/92-07/23/92	0	1	
KATM0139	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/31/90-08/31/90	0	1	
KATM0145	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/31/90-08/31/90	0	1	
KATM0149	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/23/92-07/23/92	0	1	
KATM0174	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/04/90-09/04/90	0	1	
KATM0180	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/28/90-08/28/90	0	1	
KATM0182	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/03/90-09/03/90	0	1	
KATM0206	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/04/90-09/04/90	0	1	
KATM0208	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/03/90-08/25/92	1	3	
KATM0210	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/03/90-09/03/90	0	1	
KATM0214	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/04/90-08/25/92	1	3	
KATM0221	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/29/90-08/29/90	0	1	
KATM0226	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/10/91-08/26/92	1	2	
KATM0231	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/04/90-08/08/91	0	2	
KATM0235	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/29/90-08/24/92	1	3	
KATM0239	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/92-08/24/92	0	1	
KATM0106	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/15/91-08/15/91	0	1	
KATM0117	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/15/91-08/15/91	0	1	
KATM0125	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/15/91-08/15/91	0	1	
KATM0042	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/05/90-08/05/90	0	1	
KATM0047	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/06/92-08/06/92	0	1	
KATM0052	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/03/90-08/03/90	0	1	
KATM0058	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/06/92-08/06/92	0	1	
KATM0063	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/03/90-08/03/90	0	1	
KATM0072	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/10/90-07/30/91	0	2	
KATM0075	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/31/91-07/31/91	0	1	
KATM0082	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/07/92-08/07/92	0	1	
KATM0101	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/07/92-08/07/92	0	1	
KATM0105	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/02/91-08/02/91	0	1	
KATM0107	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/05/90-08/05/90	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0141	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/02/91-08/02/91	0	1	
KATM0153	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/03/90-08/03/90	0	1	
KATM0160	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/10/69-06/10/69	0	1	
KATM0162	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/04/69-06/04/69	0	1	
KATM0164	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/31/91-08/05/92	1	2	
KATM0165	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/05/92-08/05/92	0	1	
KATM0166	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/04/90-07/28/92	1	3	
KATM0172	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/06/90-07/27/92	1	3	
KATM0175	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/06/69-06/06/69	0	1	
KATM0181	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/08/53-09/08/53	0	1	
KATM0184	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/08/53-09/08/53	0	1	
KATM0211	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/08/92-08/08/92	0	1	
KATM0212	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/04/91-08/04/91	0	1	
KATM0216	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/09/90-08/04/92	1	3	
KATM0218	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/09/90-08/09/90	0	1	
KATM0219	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/27/56-06/16/72	15	10	T
KATM0228	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/02/90-08/02/90	0	1	
KATM0247	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/07/64-01/15/71	6	2	
KATM0248	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/08/64-09/25/72	8	4	
KATM0160	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/10/69-06/10/69	0	1	
KATM0162	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/04/69-06/04/69	0	1	
KATM0175	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/06/69-06/06/69	0	1	
KATM0181	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/08/53-09/08/53	0	1	
KATM0184	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/08/53-09/08/53	0	1	
KATM0219	No	00445	CARBONATE ION (MG/L AS CO3)	06/27/56-06/16/72	15	9	T
KATM0247	No	00445	CARBONATE ION (MG/L AS CO3)	07/07/64-01/15/71	6	2	
KATM0248	No	00445	CARBONATE ION (MG/L AS CO3)	07/08/64-09/25/72	8	4	
KATM0053	Yes	00480	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	3	46	T,A
KATM0071	Yes	00480	SALINITY - PARTS PER THOUSAND	07/31/95-08/07/97	2	35	T
KATM0073	Yes	00480	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	3	42	T,A
KATM0090	Yes	00480	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	3	40	T
KATM0158	Yes	00480	SALINITY - PARTS PER THOUSAND	07/28/94-07/25/96	1	33	
KATM0167	Yes	00480	SALINITY - PARTS PER THOUSAND	07/28/94-07/25/96	1	35	
KATM0171	Yes	00480	SALINITY - PARTS PER THOUSAND	07/28/94-07/25/96	1	24	
KATM0173	Yes	00480	SALINITY - PARTS PER THOUSAND	07/28/94-07/25/96	1	29	
KATM0200	Yes	00480	SALINITY - PARTS PER THOUSAND	07/30/94-08/05/97	3	46	T,A
KATM0222	Yes	00480	SALINITY - PARTS PER THOUSAND	07/30/94-08/05/97	3	47	T,A
KATM0223	Yes	00480	SALINITY - PARTS PER THOUSAND	07/28/94-08/05/97	3	17	T
KATM0092	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/17/96-09/17/96	0	3	
KATM0093	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/17/96-09/17/96	0	3	
KATM0094	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/17/96-09/17/96	0	3	
KATM0168	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/16/96-09/16/96	0	3	
KATM0169	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/16/96-09/16/96	0	4	
KATM0170	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/16/96-09/16/96	0	3	
KATM0185	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/12/97-08/12/97	0	3	
KATM0186	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/12/97-08/12/97	0	3	
KATM0187	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/12/97-08/12/97	0	3	
KATM0202	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/12/97-08/12/97	0	3	
KATM0203	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/12/97-08/12/97	0	3	
KATM0204	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/12/97-08/12/97	0	3	
KATM0241	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/13/97-08/13/97	0	3	
KATM0242	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/13/97-08/13/97	0	3	
KATM0243	Yes	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/13/97-08/13/97	0	3	
KATM0244	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/17/96-09/17/96	0	4	
KATM0245	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/17/96-09/17/96	0	3	
KATM0246	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/17/96-09/17/96	0	3	
KATM0219	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/24/71-03/24/71	0	1	
KATM0034	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/24/90-08/24/90	0	1	
KATM0041	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/24/90-08/24/90	0	1	
KATM0043	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/24/90-08/24/90	0	1	
KATM0048	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/24/90-08/24/90	0	1	
KATM0054	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/27/90-08/27/90	0	1	
KATM0065	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/90-08/28/90	0	1	
KATM0139	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/90-08/31/90	0	1	
KATM0145	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/90-08/31/90	0	1	
KATM0174	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/04/90-09/04/90	0	1	
KATM0180	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/90-08/28/90	0	1	
KATM0182	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/90-09/03/90	0	1	
KATM0206	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/04/90-09/04/90	0	1	
KATM0208	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/90-08/10/91	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0210	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/90-09/03/90	0	1	
KATM0214	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/04/90-08/10/91	0	2	
KATM0219	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/24/71-03/24/71	0	1	
KATM0221	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/29/90-08/29/90	0	1	
KATM0226	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/91-08/10/91	0	1	
KATM0231	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/04/90-08/08/91	0	2	
KATM0235	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/29/90-08/10/91	0	2	
KATM0208	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/10/91-08/10/91	0	1	
KATM0214	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/10/91-08/10/91	0	1	
KATM0226	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/10/91-08/10/91	0	1	
KATM0231	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/91-08/08/91	0	1	
KATM0235	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/10/91-08/10/91	0	1	
KATM0208	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/10/91-08/10/91	0	1	
KATM0214	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/10/91-08/10/91	0	1	
KATM0226	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/10/91-08/10/91	0	1	
KATM0231	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/08/91-08/08/91	0	1	
KATM0235	Yes	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/10/91-08/10/91	0	1	
KATM0047	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/09/92-08/09/92	0	1	
KATM0052	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/25/91-07/25/91	0	11	
KATM0058	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/06/92-08/06/92	0	1	
KATM0072	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/30/91-07/30/91	0	1	
KATM0075	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/31/91-07/31/91	0	1	
KATM0082	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/07/92-08/07/92	0	1	
KATM0101	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/07/92-08/07/92	0	1	
KATM0105	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/02/91-08/02/91	0	1	
KATM0141	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/02/91-08/02/91	0	1	
KATM0164	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/31/91-08/05/92	1	2	
KATM0165	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/02/92-08/02/92	0	1	
KATM0166	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/04/91-07/28/92	0	2	
KATM0172	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/29/91-07/27/92	0	2	
KATM0208	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/10/91-08/25/92	1	2	
KATM0211	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/08/92-08/08/92	0	1	
KATM0212	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/04/91-08/04/91	0	1	
KATM0214	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/10/91-08/25/92	1	2	
KATM0216	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/04/91-08/04/92	1	2	
KATM0226	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/10/91-08/26/92	1	2	
KATM0231	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/08/91-08/26/92	1	2	
KATM0235	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/10/91-08/24/92	1	2	
KATM0239	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/24/92-08/24/92	0	1	
KATM0047	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/09/92-08/09/92	0	1	
KATM0052	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/25/91-07/25/91	0	11	
KATM0058	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/06/92-08/06/92	0	1	
KATM0072	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/30/91-07/30/91	0	1	
KATM0075	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/31/91-07/31/91	0	1	
KATM0082	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/07/92-08/07/92	0	1	
KATM0101	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/07/92-08/07/92	0	1	
KATM0105	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	0	1	
KATM0141	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	0	1	
KATM0164	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/31/91-08/05/92	1	2	
KATM0165	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/02/92-08/02/92	0	1	
KATM0166	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/04/91-07/28/92	0	2	
KATM0172	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/29/91-07/27/92	0	2	
KATM0205	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/01/85-07/01/85	0	1	
KATM0207	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/01/85-07/01/85	0	1	
KATM0208	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/10/91-08/10/91	0	1	
KATM0211	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/08/92-08/08/92	0	1	
KATM0212	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/04/91-08/04/91	0	1	
KATM0214	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/10/91-08/10/91	0	1	
KATM0215	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/01/85-07/01/85	0	1	
KATM0216	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/04/91-08/04/92	1	2	
KATM0220	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/01/85-07/01/85	0	9	
KATM0226	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/10/91-08/10/91	0	1	
KATM0227	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/01/85-07/01/85	0	1	
KATM0230	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/01/85-07/01/85	0	1	
KATM0231	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/08/91-08/08/91	0	1	
KATM0234	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	07/01/85-07/01/85	0	1	
KATM0235	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/10/91-08/10/91	0	1	
KATM0038	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/86-08/04/86	0	1	
KATM0046	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/26/86-07/26/86	0	1	
KATM0074	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/20/84-08/20/84	0	1	
KATM0116	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/20/86-07/20/86	0	1	
KATM0177	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/86-08/02/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0178	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/57-08/04/57	0	1	
KATM0183	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/57-08/04/57	0	1	
KATM0209	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/04/57-07/04/57	0	1	
KATM0213	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/04/57-07/04/57	0	1	
KATM0217	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/04/57-07/04/57	0	1	
KATM0232	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/20/86-07/20/86	0	1	
KATM0233	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/04/57-07/04/57	0	1	
KATM0240	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/10/86-08/10/86	0	1	
KATM0160	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/10/69-06/10/69	0	1	
KATM0162	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/04/69-06/04/69	0	1	
KATM0175	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/06/69-06/06/69	0	1	
KATM0181	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/08/53-09/08/53	0	1	
KATM0184	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/08/53-09/08/53	0	1	
KATM0219	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/27/56-06/16/72	15	8	T
KATM0247	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/07/64-01/15/71	6	2	
KATM0248	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/08/64-09/25/72	8	4	
KATM0040	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/20/84-08/20/84	0	1	
KATM0068	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/20/84-08/20/84	0	1	
KATM0112	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/01/61-06/01/61	0	1	
KATM0152	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/01/61-07/01/61	0	1	
KATM0163	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/01/61-07/01/61	0	1	
KATM0176	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/01/61-06/01/61	0	1	
KATM0205	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/01/85-07/01/85	0	1	
KATM0207	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/84-07/01/85	0	2	
KATM0215	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/84-07/01/85	0	2	
KATM0220	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/18/84-07/01/85	0	12	
KATM0224	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/24/80-04/24/80	0	1	
KATM0225	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/01/61-06/01/61	0	1	
KATM0227	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/84-07/01/85	0	2	
KATM0229	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/01/61-06/01/61	0	1	
KATM0230	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/01/85-07/01/85	0	1	
KATM0234	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/01/85-07/01/85	0	1	
KATM0236	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/84-08/19/84	0	1	
KATM0020	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/89-08/13/89	0	1	
KATM0062	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/89-08/13/89	0	1	
KATM0020	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/13/89-08/13/89	0	1	
KATM0036	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/24/92-07/24/92	0	1	
KATM0037	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/24/92-07/24/92	0	1	
KATM0039	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/24/92-07/24/92	0	1	
KATM0062	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/13/89-08/13/89	0	1	
KATM0077	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/24/92-07/24/92	0	1	
KATM0111	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/92-07/23/92	0	1	
KATM0115	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/92-07/23/92	0	1	
KATM0134	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/92-07/23/92	0	1	
KATM0149	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/92-07/23/92	0	1	
KATM0208	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/25/92-08/25/92	0	1	
KATM0214	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/25/92-08/25/92	0	1	
KATM0226	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/92-08/26/92	0	1	
KATM0231	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/92-08/26/92	0	1	
KATM0235	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/24/92-08/24/92	0	1	
KATM0239	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/24/92-08/24/92	0	1	
KATM0208	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/25/92-08/25/92	0	1	
KATM0214	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/25/92-08/25/92	0	1	
KATM0226	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/26/92-08/26/92	0	1	
KATM0231	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/26/92-08/26/92	0	1	
KATM0235	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/24/92-08/24/92	0	1	
KATM0239	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/24/92-08/24/92	0	1	
KATM0020	Yes	00652	PHOSPHOROUS DISSOLVED TOTAL WHATMAN GF/F MG/L P	08/13/89-08/13/89	0	1	
KATM0062	Yes	00652	PHOSPHOROUS DISSOLVED TOTAL WHATMAN GF/F MG/L P	08/13/89-08/13/89	0	1	
KATM0034	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/28/90-08/28/90	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0072	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/29/90-08/10/91	0	5	
KATM0020	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/89-08/13/89	0	1	
KATM0034	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/90-08/24/90	0	1	
KATM0041	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/90-08/24/90	0	1	
KATM0042	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/05/90-08/05/90	0	1	
KATM0043	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/90-08/24/90	0	1	
KATM0047	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/92-08/09/92	0	1	
KATM0048	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/90-08/24/90	0	1	
KATM0052	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/25/91-07/25/91	0	11	
KATM0054	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/27/90-08/27/90	0	1	
KATM0058	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/92-08/06/92	0	1	
KATM0062	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/89-08/13/89	0	1	
KATM0063	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/90-08/03/90	0	1	
KATM0065	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/28/90-08/28/90	0	1	
KATM0072	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/90-07/30/91	0	2	
KATM0075	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/91-07/31/91	0	1	
KATM0082	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/07/92-08/07/92	0	1	
KATM0101	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/07/92-08/07/92	0	1	
KATM0105	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/91-08/02/91	0	1	
KATM0107	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/05/90-08/05/90	0	1	
KATM0139	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/90-08/31/90	0	1	
KATM0141	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/91-08/02/91	0	1	
KATM0145	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/90-08/31/90	0	1	
KATM0153	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/90-08/03/90	0	1	
KATM0164	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/91-08/05/92	1	2	
KATM0165	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/92-08/02/92	0	1	
KATM0166	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/90-07/28/92	1	3	
KATM0172	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/90-07/27/92	1	3	
KATM0174	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/04/90-09/04/90	0	1	
KATM0178	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/57-08/04/57	0	1	
KATM0180	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/28/90-08/28/90	0	1	
KATM0182	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/90-09/03/90	0	1	
KATM0183	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/57-08/04/57	0	1	
KATM0206	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/04/90-09/04/90	0	1	
KATM0208	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/90-08/25/92	1	3	
KATM0209	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/04/57-07/04/57	0	1	
KATM0210	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/90-09/03/90	0	1	
KATM0211	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/92-08/08/92	0	1	
KATM0212	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/91-08/04/91	0	1	
KATM0213	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/04/57-07/04/57	0	1	
KATM0214	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/04/90-08/25/92	1	3	
KATM0216	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/90-08/04/92	1	3	
KATM0217	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/04/57-07/04/57	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0218	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/90-08/09/90	0	1	
KATM0221	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/90-08/29/90	0	1	
KATM0226	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/91-08/26/92	1	2	
KATM0228	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/90-08/02/90	0	1	
KATM0231	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/04/90-08/26/92	1	3	
KATM0235	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/90-08/24/92	1	3	
KATM0239	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/92-08/24/92	0	1	
KATM0020	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/89-08/13/89	0	1	
KATM0047	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/09/92-08/09/92	0	1	
KATM0052	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/25/91-07/25/91	0	11	
KATM0058	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/06/92-08/06/92	0	1	
KATM0062	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/89-08/13/89	0	1	
KATM0072	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/30/91-07/30/91	0	1	
KATM0075	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/31/91-07/31/91	0	1	
KATM0082	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/92-08/07/92	0	1	
KATM0101	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/92-08/07/92	0	1	
KATM0105	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/02/91-08/02/91	0	1	
KATM0141	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/02/91-08/02/91	0	1	
KATM0164	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/31/91-08/05/92	1	2	
KATM0165	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/02/92-08/02/92	0	1	
KATM0166	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/04/91-07/28/92	0	2	
KATM0172	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/29/91-07/27/92	0	2	
KATM0208	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/10/91-08/10/91	0	1	
KATM0211	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/08/92-08/08/92	0	1	
KATM0212	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/04/91-08/04/91	0	1	
KATM0214	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/10/91-08/10/91	0	1	
KATM0216	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/04/91-08/04/92	1	2	
KATM0226	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/10/91-08/10/91	0	1	
KATM0231	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/08/91-08/08/91	0	1	
KATM0235	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/10/91-08/10/91	0	1	
KATM0020	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/89-08/13/89	0	1	
KATM0062	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/89-08/13/89	0	1	
KATM0020	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/89-08/13/89	0	1	
KATM0062	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/89-08/13/89	0	1	
KATM0160	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/10/69-06/10/69	0	1	
KATM0162	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/04/69-06/04/69	0	1	
KATM0175	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/06/69-06/06/69	0	1	
KATM0178	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/57-08/04/57	0	1	
KATM0181	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/08/53-09/08/53	0	1	
KATM0183	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/57-08/04/57	0	1	
KATM0184	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/08/53-09/08/53	0	1	
KATM0209	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/04/57-07/04/57	0	1	
KATM0213	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/04/57-07/04/57	0	1	
KATM0217	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/04/57-07/04/57	0	1	
KATM0219	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/27/56-06/16/72	15	10	T
KATM0247	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/64-01/15/71	6	2	
KATM0248	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/08/64-09/25/72	8	4	
KATM0160	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/10/69-06/10/69	0	1	
KATM0162	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/04/69-06/04/69	0	1	
KATM0175	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/06/69-06/06/69	0	1	
KATM0181	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/08/53-09/08/53	0	1	
KATM0184	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/08/53-09/08/53	0	1	
KATM0219	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/27/56-06/16/72	15	10	T
KATM0247	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/07/64-01/15/71	6	2	
KATM0248	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/08/64-09/25/72	8	4	
KATM0112	Yes	00910	CALCIUM (MG/L AS CACO3)	06/01/61-06/01/61	0	1	
KATM0152	Yes	00910	CALCIUM (MG/L AS CACO3)	07/01/61-07/01/61	0	1	
KATM0163	Yes	00910	CALCIUM (MG/L AS CACO3)	07/01/61-07/01/61	0	1	
KATM0176	Yes	00910	CALCIUM (MG/L AS CACO3)	06/01/61-06/01/61	0	1	
KATM0225	Yes	00910	CALCIUM (MG/L AS CACO3)	06/01/61-06/01/61	0	1	
KATM0229	Yes	00910	CALCIUM (MG/L AS CACO3)	06/01/61-06/01/61	0	1	
KATM0020	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/89-08/13/89	0	1	
KATM0055	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/07/75-07/07/75	0	1	
KATM0057	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/07/75-07/07/75	0	1	
KATM0062	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/89-08/13/89	0	1	
KATM0083	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/89-08/26/89	0	1	
KATM0085	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/89-08/26/89	0	1	
KATM0086	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/89-08/26/89	0	1	
KATM0087	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/25/82-07/25/82	0	1	
KATM0088	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/86-08/26/89	3	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0089	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/26/82-07/26/82	0	1	
KATM0091	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/89-08/26/89	0	1	
KATM0098	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/82-08/03/82	0	1	
KATM0100	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/82-08/03/82	0	1	
KATM0102	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/84-08/09/84	0	1	
KATM0103	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/82-08/09/84	2	2	
KATM0104	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/89-08/31/89	0	1	
KATM0108	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/28/86-07/28/86	0	1	
KATM0109	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/89-08/31/89	0	1	
KATM0110	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/25/89-08/25/89	0	1	
KATM0113	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/06/84-08/06/84	0	1	
KATM0114	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/25/89-08/25/89	0	1	
KATM0118	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/06/90-06/06/90	0	1	
KATM0119	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/89-08/24/89	0	1	
KATM0121	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/86-08/05/86	0	1	
KATM0123	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/23/89-03/15/91	1	3	
KATM0124	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/04/90-03/15/91	0	2	
KATM0126	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/87-08/23/89	2	3	
KATM0130	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/87-07/24/87	0	1	
KATM0131	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/89-08/24/89	0	1	
KATM0132	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/82-08/04/82	0	1	
KATM0133	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/89-08/24/89	0	1	
KATM0135	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/90-06/08/90	0	1	
KATM0136	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/90-06/08/90	0	1	
KATM0137	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/89-08/21/89	0	1	
KATM0138	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/90-06/02/90	0	1	
KATM0140	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/28/89-08/28/89	0	1	
KATM0142	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/82-08/28/89	7	2	
KATM0144	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/06/84-08/06/84	0	1	
KATM0146	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/06/86-08/06/86	0	1	
KATM0147	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/82-06/05/90	7	4	
KATM0148	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/89-08/20/89	0	1	
KATM0151	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/12/82-06/03/90	7	3	
KATM0154	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/89-08/20/89	0	1	
KATM0155	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/86-07/20/86	0	1	
KATM0156	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/82-08/19/89	7	3	
KATM0159	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/12/82-06/03/90	7	4	
KATM0160	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/10/69-06/10/69	0	1	
KATM0161	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/82-08/20/89	7	3	
KATM0162	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/04/69-06/04/69	0	1	
KATM0175	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/06/69-06/06/69	0	1	
KATM0181	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/08/53-09/08/53	0	1	
KATM0184	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/08/53-09/08/53	0	1	
KATM0219	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/56-06/16/72	15	9	T
KATM0247	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/07/64-01/15/71	6	2	
KATM0248	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/64-09/25/72	8	4	
KATM0020	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/13/89-08/13/89	0	1	
KATM0033	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/04/86-09/04/86	0	1	
KATM0034	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/24/90-08/24/90	0	2	
KATM0038	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/86-08/04/86	0	1	
KATM0041	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/24/90-08/24/90	0	2	
KATM0042	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/05/90-08/05/90	0	3	
KATM0043	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/24/90-08/24/90	0	2	
KATM0045	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/24/92-07/24/92	0	1	
KATM0046	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/26/86-07/26/86	0	1	
KATM0047	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/06/92-08/06/92	0	3	
KATM0048	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/24/90-08/24/90	0	2	
KATM0052	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/25/91-07/26/91	0	33	
KATM0054	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/27/90-08/27/90	0	2	
KATM0058	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/06/92-08/06/92	0	3	
KATM0062	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/13/89-08/13/89	0	1	
KATM0063	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/03/90-08/03/90	0	3	
KATM0065	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/28/90-08/28/90	0	2	
KATM0072	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/10/90-07/30/91	0	6	
KATM0074	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/20/84-08/20/84	0	1	
KATM0075	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/31/91-07/31/91	0	3	
KATM0078	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/20/84-08/20/84	0	1	
KATM0082	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/07/92-08/07/92	0	3	
KATM0095	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/20/84-08/20/84	0	1	
KATM0099	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/91-08/15/91	0	1	
KATM0101	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/07/92-08/07/92	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0105	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/91-08/02/91	0	3	
KATM0106	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/91-08/15/91	0	1	
KATM0107	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/05/90-08/05/90	0	3	
KATM0116	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/20/86-07/20/86	0	1	
KATM0117	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/91-08/15/91	0	1	
KATM0120	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/04/86-09/04/86	0	1	
KATM0125	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/91-08/15/91	0	1	
KATM0139	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/31/90-08/31/90	0	2	
KATM0141	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/91-08/02/91	0	3	
KATM0145	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/31/90-08/31/90	0	2	
KATM0153	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/03/90-08/03/90	0	3	
KATM0157	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/91-08/15/91	0	1	
KATM0164	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/31/91-08/06/92	1	6	
KATM0165	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/05/92-08/05/92	0	3	
KATM0166	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/90-07/28/92	1	9	
KATM0172	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/06/90-07/27/92	1	9	
KATM0174	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/04/90-09/04/90	0	2	
KATM0177	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/86-08/02/86	0	1	
KATM0180	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/28/90-08/28/90	0	2	
KATM0182	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/03/90-09/03/90	0	2	
KATM0206	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/28/90-08/28/90	0	2	
KATM0208	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/03/90-08/10/91	0	5	
KATM0210	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/03/90-09/03/90	0	2	
KATM0211	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/08/92-08/08/92	0	3	
KATM0212	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/91-08/04/91	0	3	
KATM0214	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/04/90-08/10/91	0	5	
KATM0216	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/09/90-08/04/92	1	9	
KATM0218	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/09/90-08/09/90	0	3	
KATM0221	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/29/90-08/29/90	0	2	
KATM0224	No	00916	CALCIUM, TOTAL (MG/L AS CA)	04/24/80-04/24/80	0	1	
KATM0226	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/10/91-08/10/91	0	3	
KATM0228	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/90-08/02/90	0	3	
KATM0231	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/04/90-08/08/91	0	5	
KATM0232	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/20/86-07/20/86	0	1	
KATM0235	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/29/90-08/10/91	0	5	
KATM0240	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/10/86-08/10/86	0	1	
KATM0034	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/09/90-08/04/92	1	9	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0218	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/29/90-08/10/91	0	5	
KATM0020	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/89-08/13/89	0	1	
KATM0055	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/07/75-07/07/75	0	1	
KATM0057	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/07/75-07/07/75	0	1	
KATM0062	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/89-08/13/89	0	1	
KATM0083	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/89-08/26/89	0	1	
KATM0085	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/89-08/26/89	0	1	
KATM0086	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/89-08/26/89	0	1	
KATM0087	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/25/82-07/25/82	0	1	
KATM0088	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/86-08/26/89	3	2	
KATM0089	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/26/82-07/26/82	0	1	
KATM0091	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/89-08/26/89	0	1	
KATM0098	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/82-08/03/82	0	1	
KATM0100	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/82-08/03/82	0	1	
KATM0102	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/84-08/09/84	0	1	
KATM0103	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/82-08/09/84	2	2	
KATM0104	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/89-08/31/89	0	1	
KATM0108	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/28/86-07/28/86	0	1	
KATM0109	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/89-08/31/89	0	1	
KATM0110	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/89-08/25/89	0	1	
KATM0113	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/06/84-08/06/84	0	1	
KATM0114	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/89-08/25/89	0	1	
KATM0118	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/90-06/06/90	0	1	
KATM0119	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/89-08/24/89	0	1	
KATM0121	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/86-08/05/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0123	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/23/89-03/15/91	1	3	
KATM0124	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/04/90-03/15/91	0	2	
KATM0126	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/87-08/23/89	2	3	
KATM0130	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/87-07/24/87	0	1	
KATM0131	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/89-08/24/89	0	1	
KATM0132	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/82-08/04/82	0	1	
KATM0133	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/89-08/24/89	0	1	
KATM0135	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/90-06/08/90	0	1	
KATM0136	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/90-06/08/90	0	1	
KATM0137	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/89-08/21/89	0	1	
KATM0138	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/90-06/02/90	0	1	
KATM0140	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/28/89-08/28/89	0	1	
KATM0142	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/82-08/28/89	7	2	
KATM0144	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/06/84-08/06/84	0	1	
KATM0146	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/06/86-08/06/86	0	1	
KATM0147	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/82-06/05/90	7	4	
KATM0148	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/89-08/20/89	0	1	
KATM0151	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/12/82-06/03/90	7	3	
KATM0154	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/89-08/20/89	0	1	
KATM0155	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/86-07/20/86	0	1	
KATM0156	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/82-08/19/89	7	3	
KATM0159	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/12/82-06/03/90	7	4	
KATM0160	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/10/69-06/10/69	0	1	
KATM0161	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/82-08/20/89	7	3	
KATM0162	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/04/69-06/04/69	0	1	
KATM0175	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/69-06/06/69	0	1	
KATM0181	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/08/53-09/08/53	0	1	
KATM0184	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/08/53-09/08/53	0	1	
KATM0219	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/56-06/16/72	15	9	T
KATM0247	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/07/64-01/15/71	6	2	
KATM0248	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/64-09/25/72	8	4	
KATM0020	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/13/89-08/13/89	0	1	
KATM0033	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/04/86-09/04/86	0	1	
KATM0038	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/86-08/04/86	0	1	
KATM0046	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/26/86-07/26/86	0	1	
KATM0062	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/13/89-08/13/89	0	1	
KATM0074	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/20/84-08/20/84	0	1	
KATM0078	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/20/84-08/20/84	0	1	
KATM0095	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/20/84-08/20/84	0	1	
KATM0099	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/91-08/15/91	0	1	
KATM0106	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/91-08/15/91	0	1	
KATM0112	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/01/61-06/01/61	0	1	
KATM0116	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/20/86-07/20/86	0	1	
KATM0117	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/91-08/15/91	0	1	
KATM0120	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/04/86-09/04/86	0	1	
KATM0125	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/91-08/15/91	0	1	
KATM0152	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/61-07/01/61	0	1	
KATM0157	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/91-08/15/91	0	1	
KATM0163	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/61-07/01/61	0	1	
KATM0176	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/01/61-06/01/61	0	1	
KATM0177	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/02/86-08/02/86	0	1	
KATM0224	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/24/80-04/24/80	0	1	
KATM0225	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/01/61-06/01/61	0	1	
KATM0229	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/01/61-06/01/61	0	1	
KATM0232	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/20/86-07/20/86	0	1	
KATM0240	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/10/86-08/10/86	0	1	
KATM0038	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/04/86-08/04/86	0	1	
KATM0046	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/26/86-07/26/86	0	1	
KATM0099	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/15/91-08/15/91	0	1	
KATM0106	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/15/91-08/15/91	0	1	
KATM0112	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/01/61-06/01/61	0	1	
KATM0116	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/20/86-07/20/86	0	1	
KATM0117	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/15/91-08/15/91	0	1	
KATM0125	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/15/91-08/15/91	0	1	
KATM0152	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/01/61-07/01/61	0	1	
KATM0157	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/15/91-08/15/91	0	1	
KATM0163	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/01/61-07/01/61	0	1	
KATM0176	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/01/61-06/01/61	0	1	
KATM0177	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/02/86-08/02/86	0	1	
KATM0224	No	00929	SODIUM, TOTAL (MG/L AS NA)	04/24/80-04/24/80	0	1	
KATM0225	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/01/61-06/01/61	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0229	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/01/61-06/01/61	0	1	
KATM0232	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/20/86-07/20/86	0	1	
KATM0240	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/10/86-08/10/86	0	1	
KATM0020	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/89-08/13/89	0	1	
KATM0055	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/75-07/07/75	0	1	
KATM0057	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/75-07/07/75	0	1	
KATM0062	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/89-08/13/89	0	1	
KATM0083	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/89-08/26/89	0	1	
KATM0085	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/89-08/26/89	0	1	
KATM0086	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/89-08/26/89	0	1	
KATM0087	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/25/82-07/25/82	0	1	
KATM0088	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/86-08/26/89	3	2	
KATM0089	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/26/82-07/26/82	0	1	
KATM0091	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/89-08/26/89	0	1	
KATM0098	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/82-08/03/82	0	1	
KATM0100	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/82-08/03/82	0	1	
KATM0102	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/84-08/09/84	0	1	
KATM0103	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/82-08/09/84	2	2	
KATM0104	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/89-08/31/89	0	1	
KATM0108	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/28/86-07/28/86	0	1	
KATM0109	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/89-08/31/89	0	1	
KATM0110	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/89-08/25/89	0	1	
KATM0113	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/06/84-08/06/84	0	1	
KATM0114	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/89-08/25/89	0	1	
KATM0118	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/06/90-06/06/90	0	1	
KATM0119	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/89-08/24/89	0	1	
KATM0121	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/86-08/05/86	0	1	
KATM0123	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/23/89-03/15/91	1	3	
KATM0124	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/04/90-03/15/91	0	2	
KATM0126	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/87-08/23/89	2	3	
KATM0130	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/87-07/24/87	0	1	
KATM0131	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/89-08/24/89	0	1	
KATM0132	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/82-08/04/82	0	1	
KATM0133	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/89-08/24/89	0	1	
KATM0135	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/90-06/08/90	0	1	
KATM0136	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/90-06/08/90	0	1	
KATM0137	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/89-08/21/89	0	1	
KATM0138	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/90-06/02/90	0	1	
KATM0140	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/28/89-08/28/89	0	1	
KATM0142	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/82-08/28/89	7	2	
KATM0144	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/06/84-08/06/84	0	1	
KATM0146	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/06/86-08/06/86	0	1	
KATM0147	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/82-06/05/90	7	4	
KATM0148	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/89-08/20/89	0	1	
KATM0151	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/12/82-06/03/90	7	3	
KATM0154	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/89-08/20/89	0	1	
KATM0155	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/86-07/20/86	0	1	
KATM0156	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/82-08/19/89	7	3	
KATM0159	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/12/82-06/03/90	7	4	
KATM0160	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/10/69-06/10/69	0	1	
KATM0161	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/82-08/20/89	7	3	
KATM0162	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/04/69-06/04/69	0	1	
KATM0175	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/06/69-06/06/69	0	1	
KATM0181	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/08/53-09/08/53	0	1	
KATM0184	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/08/53-09/08/53	0	1	
KATM0219	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/56-06/16/72	15	9	T
KATM0247	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/64-01/15/71	6	2	
KATM0248	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/64-09/25/72	8	4	
KATM0160	Yes	00931	SODIUM ADSORPTION RATIO	06/10/69-06/10/69	0	1	
KATM0162	Yes	00931	SODIUM ADSORPTION RATIO	06/04/69-06/04/69	0	1	
KATM0175	Yes	00931	SODIUM ADSORPTION RATIO	06/06/69-06/06/69	0	1	
KATM0181	Yes	00931	SODIUM ADSORPTION RATIO	09/08/53-09/08/53	0	1	
KATM0184	Yes	00931	SODIUM ADSORPTION RATIO	06/07/69-06/07/69	0	1	
KATM0201	Yes	00931	SODIUM ADSORPTION RATIO	09/08/53-09/08/53	0	1	
KATM0219	No	00931	SODIUM ADSORPTION RATIO	06/27/56-06/16/72	15	8	T
KATM0247	No	00931	SODIUM ADSORPTION RATIO	07/07/64-01/15/71	6	2	
KATM0248	No	00931	SODIUM ADSORPTION RATIO	07/08/64-09/25/72	8	4	
KATM0160	Yes	00932	SODIUM, PERCENT	06/10/69-06/10/69	0	1	
KATM0162	Yes	00932	SODIUM, PERCENT	06/04/69-06/04/69	0	1	
KATM0175	Yes	00932	SODIUM, PERCENT	06/06/69-06/06/69	0	1	
KATM0181	Yes	00932	SODIUM, PERCENT	09/08/53-09/08/53	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0184	Yes	00932	SODIUM, PERCENT	06/07/69-06/07/69	0	1	
KATM0201	Yes	00932	SODIUM, PERCENT	09/08/53-09/08/53	0	1	
KATM0219	No	00932	SODIUM, PERCENT	06/27/56-06/16/72	15	8	T
KATM0247	No	00932	SODIUM, PERCENT	07/07/64-01/15/71	6	2	
KATM0248	No	00932	SODIUM, PERCENT	07/08/64-09/25/72	8	4	
KATM0020	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/89-08/13/89	0	1	
KATM0055	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/07/75-07/07/75	0	1	
KATM0057	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/07/75-07/07/75	0	1	
KATM0062	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/89-08/13/89	0	1	
KATM0083	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/89-08/26/89	0	1	
KATM0085	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/89-08/26/89	0	1	
KATM0086	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/89-08/26/89	0	1	
KATM0087	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/25/82-07/25/82	0	1	
KATM0088	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/86-08/26/89	3	2	
KATM0089	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/26/82-07/26/82	0	1	
KATM0091	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/89-08/26/89	0	1	
KATM0098	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/82-08/03/82	0	1	
KATM0100	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/82-08/03/82	0	1	
KATM0102	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/84-08/09/84	0	1	
KATM0103	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/82-08/09/84	2	2	
KATM0104	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/89-08/31/89	0	1	
KATM0108	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/28/86-07/28/86	0	1	
KATM0109	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/89-08/31/89	0	1	
KATM0110	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/25/89-08/25/89	0	1	
KATM0113	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/06/84-08/06/84	0	1	
KATM0114	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/25/89-08/25/89	0	1	
KATM0118	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/06/90-06/06/90	0	1	
KATM0119	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/89-08/24/89	0	1	
KATM0121	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/86-08/05/86	0	1	
KATM0123	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/23/89-03/15/91	1	3	
KATM0124	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/04/90-03/15/91	0	2	
KATM0126	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/87-08/23/89	2	3	
KATM0130	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/87-07/24/87	0	1	
KATM0131	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/89-08/24/89	0	1	
KATM0132	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/82-08/04/82	0	1	
KATM0133	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/89-08/24/89	0	1	
KATM0135	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/90-06/08/90	0	1	
KATM0136	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/90-06/08/90	0	1	
KATM0137	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/89-08/21/89	0	1	
KATM0138	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/90-06/02/90	0	1	
KATM0140	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/28/89-08/28/89	0	1	
KATM0142	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/82-08/28/89	7	2	
KATM0144	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/06/84-08/06/84	0	1	
KATM0146	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/06/86-08/06/86	0	1	
KATM0147	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/82-06/05/90	7	4	
KATM0148	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/89-08/20/89	0	1	
KATM0151	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/82-06/03/90	7	3	
KATM0154	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/89-08/20/89	0	1	
KATM0155	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/86-07/20/86	0	1	
KATM0156	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/19/82-08/19/89	7	3	
KATM0159	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/82-06/03/90	7	4	
KATM0160	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/10/69-06/10/69	0	1	
KATM0161	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/82-08/20/89	7	3	
KATM0162	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/04/69-06/04/69	0	1	
KATM0175	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/06/69-06/06/69	0	1	
KATM0181	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/08/53-09/08/53	0	1	
KATM0184	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/08/53-09/08/53	0	1	
KATM0219	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/56-06/16/72	15	9	T
KATM0247	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/07/64-01/15/71	6	2	
KATM0248	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/64-09/25/72	8	4	
KATM0038	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/04/86-08/04/86	0	1	
KATM0046	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/26/86-07/26/86	0	1	
KATM0074	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/20/84-08/20/84	0	1	
KATM0078	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/20/84-08/20/84	0	1	
KATM0095	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/20/84-08/20/84	0	1	
KATM0099	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/15/91-08/15/91	0	1	
KATM0106	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/15/91-08/15/91	0	1	
KATM0112	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/01/61-06/01/61	0	1	
KATM0116	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/20/86-07/20/86	0	1	
KATM0117	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/15/91-08/15/91	0	1	
KATM0125	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/15/91-08/15/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0152	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/01/61-07/01/61	0	1	
KATM0157	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/15/91-08/15/91	0	1	
KATM0163	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/01/61-07/01/61	0	1	
KATM0176	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/01/61-06/01/61	0	1	
KATM0177	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/02/86-08/02/86	0	1	
KATM0224	No	00937	POTASSIUM, TOTAL MG/L AS K)	04/24/80-04/24/80	0	1	
KATM0225	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/01/61-06/01/61	0	1	
KATM0229	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/01/61-06/01/61	0	1	
KATM0232	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/20/86-07/20/86	0	1	
KATM0240	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/10/86-08/10/86	0	1	
KATM0034	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/90-08/24/90	0	1	
KATM0035	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	0	1	
KATM0036	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	0	1	
KATM0037	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	0	1	
KATM0038	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/86-08/04/86	0	1	
KATM0039	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	0	1	
KATM0041	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/90-08/24/90	0	1	
KATM0042	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/90-08/05/90	0	1	
KATM0043	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/90-08/24/90	0	1	
KATM0044	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	0	1	
KATM0045	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	0	1	
KATM0046	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/26/86-07/26/86	0	1	
KATM0047	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/92-08/06/92	0	1	
KATM0048	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/90-08/24/90	0	1	
KATM0051	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	0	1	
KATM0052	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/90-08/03/90	0	1	
KATM0054	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/90-08/27/90	0	1	
KATM0056	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	0	1	
KATM0058	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/92-08/06/92	0	1	
KATM0063	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/90-08/03/90	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0064	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	0	1	
KATM0065	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/90-08/28/90	0	1	
KATM0072	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/90-07/30/91	0	2	
KATM0075	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/91-07/31/91	0	1	
KATM0076	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	0	1	
KATM0077	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	0	1	
KATM0082	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/92-08/07/92	0	1	
KATM0101	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/92-08/07/92	0	1	
KATM0105	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	0	1	
KATM0106	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/15/91-08/15/91	0	1	
KATM0107	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/90-08/05/90	0	1	
KATM0111	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/92-07/23/92	0	1	
KATM0115	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/92-07/23/92	0	1	
KATM0116	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/20/86-07/20/86	0	1	
KATM0117	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/15/91-08/15/91	0	1	
KATM0125	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/15/91-08/15/91	0	1	
KATM0134	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/92-07/23/92	0	1	
KATM0139	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/90-08/31/90	0	1	
KATM0141	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	0	1	
KATM0145	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/90-08/31/90	0	1	
KATM0149	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/92-07/23/92	0	1	
KATM0153	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/90-08/03/90	0	1	
KATM0160	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/10/69-06/10/69	0	1	
KATM0162	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/04/69-06/04/69	0	1	
KATM0164	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/91-08/05/92	1	2	
KATM0165	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/92-08/05/92	0	1	
KATM0166	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/90-07/28/92	1	3	
KATM0172	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/90-07/27/92	1	3	
KATM0174	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/04/90-09/04/90	0	1	
KATM0175	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/06/69-06/06/69	0	1	
KATM0177	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/86-08/02/86	0	1	
KATM0180	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/90-08/28/90	0	1	
KATM0181	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/08/53-09/08/53	0	1	
KATM0182	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/03/90-09/03/90	0	1	
KATM0184	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/69-06/07/69	0	1	
KATM0201	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/08/53-09/08/53	0	1	
KATM0206	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/04/90-09/04/90	0	1	
KATM0208	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/03/90-08/25/92	1	3	
KATM0210	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/03/90-09/03/90	0	1	
KATM0211	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/08/92-08/08/92	0	1	
KATM0212	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/91-08/04/91	0	1	
KATM0214	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/04/90-08/25/92	1	3	
KATM0216	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/90-08/04/92	1	3	
KATM0218	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/90-08/09/90	0	1	
KATM0219	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/27/56-06/16/72	15	9	T
KATM0221	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/90-08/29/90	0	1	
KATM0224	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/24/80-04/24/80	0	1	
KATM0226	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/91-08/26/92	1	2	
KATM0228	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/90-08/02/90	0	1	
KATM0231	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/04/90-08/08/91	0	2	
KATM0232	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/20/86-07/20/86	0	1	
KATM0235	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/90-08/24/92	1	3	
KATM0239	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/92-08/24/92	0	1	
KATM0240	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/86-08/10/86	0	1	
KATM0247	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/07/64-01/15/71	6	2	
KATM0248	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/08/64-09/25/72	8	4	
KATM0055	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/07/75-07/07/75	0	1	
KATM0057	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/07/75-07/07/75	0	1	
KATM0083	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/26/89-08/26/89	0	1	
KATM0085	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/26/89-08/26/89	0	1	
KATM0086	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/26/89-08/26/89	0	1	
KATM0087	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/25/82-07/25/82	0	1	
KATM0088	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/01/86-08/26/89	3	2	
KATM0089	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/26/82-07/26/82	0	1	
KATM0091	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/26/89-08/26/89	0	1	
KATM0098	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/82-08/03/82	0	1	
KATM0100	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/82-08/03/82	0	1	
KATM0102	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/84-08/09/84	0	1	
KATM0103	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/82-08/09/84	2	2	
KATM0104	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/31/89-08/31/89	0	1	
KATM0108	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/28/86-07/28/86	0	1	
KATM0109	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/31/89-08/31/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0110	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/25/89-08/25/89	0	1	
KATM0113	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/06/84-08/06/84	0	1	
KATM0114	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/25/89-08/25/89	0	1	
KATM0118	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/06/90-06/06/90	0	1	
KATM0119	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/24/89-08/24/89	0	1	
KATM0121	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/86-08/05/86	0	1	
KATM0123	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/23/89-03/15/91	1	3	
KATM0124	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/04/90-03/15/91	0	2	
KATM0126	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/87-08/23/89	2	3	
KATM0130	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/87-07/24/87	0	1	
KATM0131	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/24/89-08/24/89	0	1	
KATM0132	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/82-08/04/82	0	1	
KATM0133	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/24/89-08/24/89	0	1	
KATM0135	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/90-06/08/90	0	1	
KATM0136	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/90-06/08/90	0	1	
KATM0137	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/21/89-08/21/89	0	1	
KATM0138	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/90-06/02/90	0	1	
KATM0140	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/28/89-08/28/89	0	1	
KATM0142	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/13/82-08/28/89	7	2	
KATM0144	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/06/84-08/06/84	0	1	
KATM0146	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/06/86-08/06/86	0	1	
KATM0147	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/13/82-06/05/90	7	4	
KATM0148	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/89-08/20/89	0	1	
KATM0151	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/12/82-06/03/90	7	3	
KATM0154	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/89-08/20/89	0	1	
KATM0155	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/86-07/20/86	0	1	
KATM0156	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/19/82-08/19/89	7	3	
KATM0159	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/12/82-06/03/90	7	4	
KATM0161	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/14/82-08/20/89	7	3	
KATM0034	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/90-08/24/90	0	1	
KATM0036	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/92-07/24/92	0	1	
KATM0037	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/92-07/24/92	0	1	
KATM0038	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/86-08/04/86	0	1	
KATM0039	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/92-07/24/92	0	1	
KATM0040	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/84-08/20/84	0	1	
KATM0041	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/90-08/24/90	0	1	
KATM0042	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/90-08/05/90	0	1	
KATM0043	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/90-08/24/90	0	1	
KATM0045	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/92-07/24/92	0	1	
KATM0046	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/26/86-07/26/86	0	1	
KATM0047	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/92-08/06/92	0	1	
KATM0048	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/90-08/24/90	0	1	
KATM0052	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/03/90-08/03/90	0	1	
KATM0054	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/90-08/27/90	0	1	
KATM0058	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/92-08/06/92	0	1	
KATM0063	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/03/90-08/03/90	0	1	
KATM0065	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/90-08/28/90	0	1	
KATM0068	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/84-08/20/84	0	1	
KATM0072	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/90-07/30/91	0	2	
KATM0074	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/84-08/20/84	0	1	
KATM0075	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/91-07/31/91	0	1	
KATM0076	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/92-07/24/92	0	1	
KATM0077	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/92-07/24/92	0	1	
KATM0082	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/07/92-08/07/92	0	1	
KATM0101	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/07/92-08/07/92	0	1	
KATM0105	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	0	1	
KATM0106	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/15/91-08/15/91	0	1	
KATM0107	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/90-08/05/90	0	1	
KATM0111	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/92-07/23/92	0	1	
KATM0115	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/92-07/23/92	0	1	
KATM0116	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/20/86-07/20/86	0	1	
KATM0117	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/15/91-08/15/91	0	1	
KATM0125	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/15/91-08/15/91	0	1	
KATM0134	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/92-07/23/92	0	1	
KATM0139	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/90-08/31/90	0	1	
KATM0141	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	0	1	
KATM0145	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/90-08/31/90	0	1	
KATM0149	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/92-07/23/92	0	1	
KATM0153	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/03/90-08/03/90	0	1	
KATM0160	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/10/69-06/10/69	0	1	
KATM0162	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/04/69-06/04/69	0	1	
KATM0164	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/91-08/05/92	1	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0165	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/92-08/05/92	0	1	
KATM0166	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/90-07/28/92	1	3	
KATM0172	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/90-07/27/92	1	3	
KATM0174	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/04/90-09/04/90	0	1	
KATM0175	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/06/69-06/06/69	0	1	
KATM0177	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/86-08/02/86	0	1	
KATM0180	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/90-08/28/90	0	1	
KATM0181	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/08/53-09/08/53	0	1	
KATM0182	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/03/90-09/03/90	0	1	
KATM0184	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/08/53-09/08/53	0	1	
KATM0206	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/04/90-09/04/90	0	1	
KATM0207	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/84-08/19/84	0	1	
KATM0208	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/03/90-08/25/92	1	3	
KATM0210	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/03/90-09/03/90	0	1	
KATM0211	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/08/92-08/08/92	0	1	
KATM0212	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/91-08/04/91	0	1	
KATM0214	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/04/90-08/25/92	1	3	
KATM0215	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/84-08/19/84	0	1	
KATM0216	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/09/90-08/04/92	1	3	
KATM0218	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/09/90-08/09/90	0	1	
KATM0219	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/27/56-06/16/72	15	9	T
KATM0220	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/84-08/19/84	0	2	
KATM0221	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/90-08/29/90	0	1	
KATM0224	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/24/80-04/24/80	0	1	
KATM0226	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/91-08/26/92	1	2	
KATM0227	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/84-08/19/84	0	1	
KATM0228	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/90-08/02/90	0	1	
KATM0231	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/04/90-08/08/91	0	2	
KATM0232	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/20/86-07/20/86	0	1	
KATM0235	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/90-08/24/92	1	3	
KATM0236	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/84-08/19/84	0	1	
KATM0239	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/92-08/24/92	0	1	
KATM0240	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/86-08/10/86	0	1	
KATM0247	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/07/64-01/15/71	6	2	
KATM0248	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/08/64-09/25/72	8	4	
KATM0055	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/07/75-07/07/75	0	1	
KATM0057	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/07/75-07/07/75	0	1	
KATM0083	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/26/89-08/26/89	0	1	
KATM0085	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/26/89-08/26/89	0	1	
KATM0086	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/26/89-08/26/89	0	1	
KATM0087	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/25/82-07/25/82	0	1	
KATM0088	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/01/86-08/26/89	3	2	
KATM0089	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/26/82-07/26/82	0	1	
KATM0091	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/26/89-08/26/89	0	1	
KATM0098	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/82-08/03/82	0	1	
KATM0100	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/82-08/03/82	0	1	
KATM0102	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/84-08/09/84	0	1	
KATM0103	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/82-08/09/84	2	2	
KATM0104	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/31/89-08/31/89	0	1	
KATM0108	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/28/86-07/28/86	0	1	
KATM0109	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/31/89-08/31/89	0	1	
KATM0110	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/25/89-08/25/89	0	1	
KATM0113	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/06/84-08/06/84	0	1	
KATM0114	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/25/89-08/25/89	0	1	
KATM0118	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/06/90-06/06/90	0	1	
KATM0119	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/24/89-08/24/89	0	1	
KATM0121	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/86-08/05/86	0	1	
KATM0123	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/23/89-03/15/91	1	3	
KATM0124	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/04/90-03/15/91	0	2	
KATM0126	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/87-08/23/89	2	3	
KATM0130	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/87-07/24/87	0	1	
KATM0131	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/24/89-08/24/89	0	1	
KATM0132	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/82-08/04/82	0	1	
KATM0133	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/24/89-08/24/89	0	1	
KATM0135	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/90-06/08/90	0	1	
KATM0136	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/90-06/08/90	0	1	
KATM0137	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/21/89-08/21/89	0	1	
KATM0138	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/90-06/02/90	0	1	
KATM0140	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/28/89-08/28/89	0	1	
KATM0142	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/13/82-08/28/89	7	2	
KATM0144	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/06/84-08/06/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0146	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/06/86-08/06/86	0	1	
KATM0147	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/13/82-06/05/90	7	4	
KATM0148	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/89-08/20/89	0	1	
KATM0151	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/12/82-06/03/90	7	3	
KATM0154	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/89-08/20/89	0	1	
KATM0155	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/86-07/20/86	0	1	
KATM0156	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/19/82-08/19/89	7	3	
KATM0159	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/12/82-06/03/90	7	4	
KATM0161	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/14/82-08/20/89	7	3	
KATM0055	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/07/75-07/07/75	0	1	
KATM0057	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/07/75-07/07/75	0	1	
KATM0083	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/89-08/26/89	0	1	
KATM0085	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/89-08/26/89	0	1	
KATM0086	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/89-08/26/89	0	1	
KATM0087	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/25/82-07/25/82	0	1	
KATM0088	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/86-08/26/89	3	2	
KATM0089	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/82-07/26/82	0	1	
KATM0091	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/89-08/26/89	0	1	
KATM0098	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/03/82-08/03/82	0	1	
KATM0100	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/03/82-08/03/82	0	1	
KATM0102	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/84-08/09/84	0	1	
KATM0103	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/03/82-08/09/84	2	2	
KATM0104	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/89-08/31/89	0	1	
KATM0108	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/28/86-07/28/86	0	1	
KATM0109	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/89-08/31/89	0	1	
KATM0110	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/25/89-08/25/89	0	1	
KATM0113	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/06/84-08/06/84	0	1	
KATM0114	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/25/89-08/25/89	0	1	
KATM0118	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/06/90-06/06/90	0	1	
KATM0119	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/89-08/24/89	0	1	
KATM0121	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/86-08/05/86	0	1	
KATM0123	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/23/89-03/15/91	1	3	
KATM0124	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/04/90-03/15/91	0	2	
KATM0126	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/87-08/23/89	2	3	
KATM0130	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/87-07/24/87	0	1	
KATM0131	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/89-08/24/89	0	1	
KATM0132	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/82-08/04/82	0	1	
KATM0133	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/89-08/24/89	0	1	
KATM0135	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/08/90-06/08/90	0	1	
KATM0136	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/08/90-06/08/90	0	1	
KATM0137	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/89-08/21/89	0	1	
KATM0138	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/02/90-06/02/90	0	1	
KATM0140	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/28/89-08/28/89	0	1	
KATM0142	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/82-08/28/89	7	2	
KATM0144	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/06/84-08/06/84	0	1	
KATM0146	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/06/86-08/06/86	0	1	
KATM0147	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/82-06/05/90	7	4	
KATM0148	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/89-08/20/89	0	1	
KATM0151	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/12/82-06/03/90	7	3	
KATM0154	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/89-08/20/89	0	1	
KATM0155	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/20/86-07/20/86	0	1	
KATM0156	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/82-08/19/89	7	3	
KATM0159	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/12/82-06/03/90	7	4	
KATM0160	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/10/69-06/10/69	0	1	
KATM0161	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/82-08/20/89	7	3	
KATM0162	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/04/69-06/04/69	0	1	
KATM0175	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/06/69-06/06/69	0	1	
KATM0184	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/07/69-06/07/69	0	1	
KATM0219	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/27/56-06/16/72	15	9	T
KATM0247	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/07/64-01/15/71	6	2	
KATM0248	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/08/64-09/25/72	8	4	
KATM0106	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/15/91-08/15/91	0	1	
KATM0117	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/15/91-08/15/91	0	1	
KATM0125	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/15/91-08/15/91	0	1	
KATM0224	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/24/80-04/24/80	0	1	
KATM0055	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/07/75-07/07/75	0	1	
KATM0057	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/07/75-07/07/75	0	1	
KATM0083	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/89-08/26/89	0	1	
KATM0085	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/89-08/26/89	0	1	
KATM0086	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/89-08/26/89	0	1	
KATM0087	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/25/82-07/25/82	0	1	
KATM0088	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/01/86-08/26/89	3	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0089	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/82-07/26/82	0	1	
KATM0091	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/89-08/26/89	0	1	
KATM0098	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/82-08/03/82	0	1	
KATM0100	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/82-08/03/82	0	1	
KATM0102	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/84-08/09/84	0	1	
KATM0103	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/82-08/09/84	2	2	
KATM0104	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/89-08/31/89	0	1	
KATM0108	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/28/86-07/28/86	0	1	
KATM0109	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/89-08/31/89	0	1	
KATM0110	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/25/89-08/25/89	0	1	
KATM0113	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/06/84-08/06/84	0	1	
KATM0114	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/25/89-08/25/89	0	1	
KATM0118	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/06/90-06/06/90	0	1	
KATM0119	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/89-08/24/89	0	1	
KATM0121	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/86-08/05/86	0	1	
KATM0123	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/89-03/15/91	1	3	
KATM0124	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/04/90-03/15/91	0	2	
KATM0126	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/87-08/23/89	2	3	
KATM0130	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/87-07/24/87	0	1	
KATM0131	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/89-08/24/89	0	1	
KATM0132	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/82-08/04/82	0	1	
KATM0133	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/89-08/24/89	0	1	
KATM0135	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/90-06/08/90	0	1	
KATM0136	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/90-06/08/90	0	1	
KATM0137	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/89-08/21/89	0	1	
KATM0138	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/02/90-06/02/90	0	1	
KATM0140	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/28/89-08/28/89	0	1	
KATM0142	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/82-08/28/89	7	2	
KATM0144	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/06/84-08/06/84	0	1	
KATM0146	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/06/86-08/06/86	0	1	
KATM0147	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/82-06/05/90	7	4	
KATM0148	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/89-08/20/89	0	1	
KATM0151	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/82-06/03/90	7	3	
KATM0154	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/89-08/20/89	0	1	
KATM0155	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/20/86-07/20/86	0	1	
KATM0156	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/82-08/19/89	7	3	
KATM0159	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/82-06/03/90	7	4	
KATM0160	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/10/69-06/10/69	0	1	
KATM0161	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/82-08/20/89	7	3	
KATM0162	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/04/69-06/04/69	0	1	
KATM0175	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/06/69-06/06/69	0	1	
KATM0181	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/08/53-09/08/53	0	1	
KATM0184	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/07/69-06/07/69	0	1	
KATM0201	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/08/53-09/08/53	0	1	
KATM0219	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/27/56-06/16/72	15	9	T
KATM0247	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/07/64-01/15/71	6	2	
KATM0248	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/08/64-09/25/72	8	4	
KATM0099	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	08/15/91-08/15/91	0	1	
KATM0106	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	08/15/91-08/15/91	0	1	
KATM0112	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	06/01/61-06/01/61	0	1	
KATM0117	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	08/15/91-08/15/91	0	1	
KATM0125	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	08/15/91-08/15/91	0	1	
KATM0152	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	07/01/61-07/01/61	0	1	
KATM0157	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	08/15/91-08/15/91	0	1	
KATM0163	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	07/01/61-07/01/61	0	1	
KATM0176	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	06/01/61-06/01/61	0	1	
KATM0225	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	06/01/61-06/01/61	0	1	
KATM0229	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	06/01/61-06/01/61	0	1	
KATM0034	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/31/91-07/31/91	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0082	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/24/90-08/24/90	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0042	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	09/03/90-09/03/90	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0211	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/02/91-08/02/91	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0145	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	07/25/91-07/26/91	0	33	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0054	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/29/90-08/29/90	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0226	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/29/90-08/10/91	0	5	
KATM0020	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/13/89-08/13/89	0	1	
KATM0098	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/03/82-08/03/82	0	1	
KATM0100	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/03/82-08/03/82	0	1	
KATM0102	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/09/84-08/09/84	0	1	
KATM0103	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/09/84-08/09/84	0	1	
KATM0123	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/23/89-08/23/89	0	1	
KATM0126	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/23/89-08/23/89	0	1	
KATM0128	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/23/89-08/23/89	0	1	
KATM0219	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/11/72-02/11/72	0	1	
KATM0099	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/15/91-08/15/91	0	1	
KATM0122	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/15/91-06/15/91	0	1	
KATM0125	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/15/91-08/15/91	0	1	
KATM0127	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/15/91-06/15/91	0	1	
KATM0129	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/15/91-06/15/91	0	1	
KATM0143	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/15/91-06/15/91	0	1	
KATM0150	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/15/91-06/15/91	0	1	
KATM0157	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/15/91-08/15/91	0	1	
KATM0224	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/24/80-04/24/80	0	1	
KATM0083	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/89-08/26/89	0	1	
KATM0085	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/89-08/26/89	0	1	
KATM0086	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/89-08/26/89	0	1	
KATM0088	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/89-08/26/89	0	1	
KATM0091	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/89-08/26/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0104	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/89-08/31/89	0	1	
KATM0109	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/89-08/31/89	0	1	
KATM0110	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/25/89-08/25/89	0	1	
KATM0114	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/25/89-08/25/89	0	1	
KATM0119	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/24/89-08/24/89	0	1	
KATM0123	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/23/89-03/15/91	1	2	
KATM0124	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/15/91-03/15/91	0	1	
KATM0126	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/23/89-08/23/89	0	1	
KATM0128	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/23/89-08/23/89	0	1	
KATM0131	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/24/89-08/24/89	0	1	
KATM0133	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/24/89-08/24/89	0	1	
KATM0137	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/21/89-08/21/89	0	1	
KATM0140	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/28/89-08/28/89	0	1	
KATM0142	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/28/89-08/28/89	0	1	
KATM0147	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/89-08/20/89	0	1	
KATM0148	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/89-08/20/89	0	1	
KATM0151	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/19/89-08/19/89	0	1	
KATM0154	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/89-08/20/89	0	1	
KATM0156	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/19/82-08/19/89	7	2	
KATM0159	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/19/89-08/19/89	0	1	
KATM0161	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/89-08/20/89	0	1	
KATM0219	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/11/72-02/11/72	0	1	
KATM0099	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/15/91-08/15/91	0	1	
KATM0122	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	06/15/91-06/15/91	0	1	
KATM0125	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/15/91-08/15/91	0	1	
KATM0127	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	06/15/91-06/15/91	0	1	
KATM0129	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	06/15/91-06/15/91	0	1	
KATM0143	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	06/15/91-06/15/91	0	1	
KATM0150	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	06/15/91-06/15/91	0	1	
KATM0157	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/15/91-08/15/91	0	1	
KATM0224	No	01007	BARIUM, TOTAL (UG/L AS BA)	04/24/80-04/24/80	0	1	
KATM0034	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/10/91-08/10/91	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0228	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/29/90-08/10/91	0	5	
KATM0099	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/15/91-08/15/91	0	1	
KATM0125	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/15/91-08/15/91	0	1	
KATM0157	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/15/91-08/15/91	0	1	
KATM0020	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/13/89-08/13/89	0	1	
KATM0055	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/07/75-07/07/75	0	1	
KATM0057	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/07/75-07/07/75	0	1	
KATM0062	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/13/89-08/13/89	0	1	
KATM0083	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/89-08/26/89	0	1	
KATM0085	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/89-08/26/89	0	1	
KATM0086	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/89-08/26/89	0	1	
KATM0087	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/25/82-07/25/82	0	1	
KATM0088	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/01/86-08/26/89	3	2	
KATM0089	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/26/82-07/26/82	0	1	
KATM0091	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/89-08/26/89	0	1	
KATM0098	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/03/82-08/03/82	0	1	
KATM0100	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/03/82-08/03/82	0	1	
KATM0102	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/09/84-08/09/84	0	1	
KATM0103	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/03/82-08/09/84	2	2	
KATM0104	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/31/89-08/31/89	0	1	
KATM0108	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/28/86-07/28/86	0	1	
KATM0109	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/31/89-08/31/89	0	1	
KATM0110	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/25/89-08/25/89	0	1	
KATM0113	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/06/84-08/06/84	0	1	
KATM0114	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/25/89-08/25/89	0	1	
KATM0118	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/06/90-06/06/90	0	1	
KATM0119	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/24/89-08/24/89	0	1	
KATM0121	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/05/86-08/05/86	0	1	
KATM0123	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/23/89-03/15/91	1	3	
KATM0124	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/04/90-03/15/91	0	2	
KATM0126	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/24/87-08/23/89	2	3	
KATM0130	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/24/87-07/24/87	0	1	
KATM0131	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/24/89-08/24/89	0	1	
KATM0132	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/04/82-08/04/82	0	1	
KATM0133	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/24/89-08/24/89	0	1	
KATM0135	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/08/90-06/08/90	0	1	
KATM0136	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/08/90-06/08/90	0	1	
KATM0137	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/21/89-08/21/89	0	1	
KATM0138	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/02/90-06/02/90	0	1	
KATM0140	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/28/89-08/28/89	0	1	
KATM0142	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/13/82-08/28/89	7	2	
KATM0144	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/06/84-08/06/84	0	1	
KATM0146	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/06/86-08/06/86	0	1	
KATM0147	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/13/82-06/05/90	7	4	
KATM0148	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/20/89-08/20/89	0	1	
KATM0151	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/12/82-06/03/90	7	3	
KATM0154	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/20/89-08/20/89	0	1	
KATM0155	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/20/86-07/20/86	0	1	
KATM0156	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/19/82-08/19/89	7	3	
KATM0159	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/12/82-06/03/90	7	4	
KATM0161	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/14/82-08/20/89	7	3	
KATM0099	Yes	01022	BORON, TOTAL (UG/L AS B)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01022	BORON, TOTAL (UG/L AS B)	08/15/91-08/15/91	0	1	
KATM0112	Yes	01022	BORON, TOTAL (UG/L AS B)	06/01/61-06/01/61	0	1	
KATM0117	Yes	01022	BORON, TOTAL (UG/L AS B)	08/15/91-08/15/91	0	1	
KATM0125	Yes	01022	BORON, TOTAL (UG/L AS B)	08/15/91-08/15/91	0	1	
KATM0157	Yes	01022	BORON, TOTAL (UG/L AS B)	08/15/91-08/15/91	0	1	
KATM0163	Yes	01022	BORON, TOTAL (UG/L AS B)	07/01/61-07/01/61	0	1	
KATM0176	Yes	01022	BORON, TOTAL (UG/L AS B)	06/01/61-06/01/61	0	1	
KATM0225	Yes	01022	BORON, TOTAL (UG/L AS B)	06/01/61-06/01/61	0	1	
KATM0229	Yes	01022	BORON, TOTAL (UG/L AS B)	06/01/61-06/01/61	0	1	
KATM0020	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/13/89-08/13/89	0	1	
KATM0219	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/11/72-02/11/72	0	1	
KATM0099	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/15/91-08/15/91	0	1	
KATM0122	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/15/91-06/15/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0125	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/15/91-08/15/91	0	1	
KATM0127	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/15/91-06/15/91	0	1	
KATM0129	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/15/91-06/15/91	0	1	
KATM0143	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/15/91-06/15/91	0	1	
KATM0150	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/15/91-06/15/91	0	1	
KATM0157	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/15/91-08/15/91	0	1	
KATM0224	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/24/80-04/24/80	0	1	
KATM0020	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/13/89-08/13/89	0	1	
KATM0219	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/11/72-02/11/72	0	1	
KATM0099	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/15/91-08/15/91	0	1	
KATM0122	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/15/91-06/15/91	0	1	
KATM0125	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/15/91-08/15/91	0	1	
KATM0127	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/15/91-06/15/91	0	1	
KATM0129	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/15/91-06/15/91	0	1	
KATM0143	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/15/91-06/15/91	0	1	
KATM0150	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/15/91-06/15/91	0	1	
KATM0157	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/15/91-08/15/91	0	1	
KATM0224	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/24/80-04/24/80	0	1	
KATM0020	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/13/89-08/13/89	0	1	
KATM0219	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/11/72-02/11/72	0	1	
KATM0038	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/04/86-08/04/86	0	1	
KATM0046	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/26/86-07/26/86	0	1	
KATM0074	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/20/84-08/20/84	0	1	
KATM0078	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/20/84-08/20/84	0	1	
KATM0095	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/20/84-08/20/84	0	1	
KATM0099	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/15/91-08/15/91	0	1	
KATM0116	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/20/86-07/20/86	0	1	
KATM0117	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/15/91-08/15/91	0	1	
KATM0122	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/15/91-06/15/91	0	1	
KATM0125	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/15/91-08/15/91	0	1	
KATM0127	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/15/91-06/15/91	0	1	
KATM0129	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/15/91-06/15/91	0	1	
KATM0143	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/15/91-06/15/91	0	1	
KATM0150	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/15/91-06/15/91	0	1	
KATM0157	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/15/91-08/15/91	0	1	
KATM0177	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/02/86-08/02/86	0	1	
KATM0232	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/20/86-07/20/86	0	1	
KATM0240	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/10/86-08/10/86	0	1	
KATM0020	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/13/89-08/13/89	0	1	
KATM0099	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/15/91-08/15/91	0	1	
KATM0112	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/01/61-06/01/61	0	1	
KATM0117	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/15/91-08/15/91	0	1	
KATM0125	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/15/91-08/15/91	0	1	
KATM0157	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/15/91-08/15/91	0	1	
KATM0163	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/01/61-07/01/61	0	1	
KATM0176	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/01/61-06/01/61	0	1	
KATM0219	No	01045	IRON, TOTAL (UG/L AS FE)	02/11/72-02/11/72	0	1	
KATM0224	No	01045	IRON, TOTAL (UG/L AS FE)	04/24/80-04/24/80	0	1	
KATM0225	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/01/61-06/01/61	0	1	
KATM0229	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/01/61-06/01/61	0	1	
KATM0248	No	01045	IRON, TOTAL (UG/L AS FE)	07/07/71-07/07/71	0	1	
KATM0020	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/13/89-08/13/89	0	1	
KATM0083	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/89-08/26/89	0	1	
KATM0085	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/89-08/26/89	0	1	
KATM0086	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/89-08/26/89	0	1	
KATM0088	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/89-08/26/89	0	1	
KATM0091	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/89-08/26/89	0	1	
KATM0098	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/03/82-08/03/82	0	1	
KATM0100	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/03/82-08/03/82	0	1	
KATM0102	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/09/84-08/09/84	0	1	
KATM0103	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/03/82-08/09/84	2	2	
KATM0110	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/25/89-08/25/89	0	1	
KATM0114	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/25/89-08/25/89	0	1	
KATM0119	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/24/89-08/24/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0123	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/23/89-03/15/91	1	3	
KATM0124	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/04/90-03/15/91	0	2	
KATM0126	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/23/89-08/23/89	0	1	
KATM0128	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/23/89-08/23/89	0	1	
KATM0131	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/24/89-08/24/89	0	1	
KATM0133	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/24/89-08/24/89	0	1	
KATM0137	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/21/89-08/21/89	0	1	
KATM0140	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/28/89-08/28/89	0	1	
KATM0142	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/13/82-08/28/89	7	2	
KATM0147	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/89-08/20/89	0	1	
KATM0148	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/89-08/20/89	0	1	
KATM0151	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/19/89-08/19/89	0	1	
KATM0154	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/89-08/20/89	0	1	
KATM0156	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/19/89-08/19/89	0	1	
KATM0159	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/19/89-08/19/89	0	1	
KATM0161	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/89-08/20/89	0	1	
KATM0219	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/07/71-03/29/72	0	3	
KATM0248	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/17/71-09/25/72	1	2	
KATM0020	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/13/89-08/13/89	0	1	
KATM0219	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/11/72-02/11/72	0	1	
KATM0099	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/15/91-08/15/91	0	1	
KATM0122	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/15/91-06/15/91	0	1	
KATM0125	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/15/91-08/15/91	0	1	
KATM0127	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/15/91-06/15/91	0	1	
KATM0129	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/15/91-06/15/91	0	1	
KATM0143	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/15/91-06/15/91	0	1	
KATM0150	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/15/91-06/15/91	0	1	
KATM0157	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/15/91-08/15/91	0	1	
KATM0224	No	01051	LEAD, TOTAL (UG/L AS PB)	04/24/80-04/24/80	0	1	
KATM0099	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/15/91-08/15/91	0	1	
KATM0112	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/01/61-06/01/61	0	1	
KATM0117	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/15/91-08/15/91	0	1	
KATM0122	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/15/91-06/15/91	0	1	
KATM0125	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/15/91-08/15/91	0	1	
KATM0127	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/15/91-06/15/91	0	1	
KATM0129	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/15/91-06/15/91	0	1	
KATM0143	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/15/91-06/15/91	0	1	
KATM0150	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/15/91-06/15/91	0	1	
KATM0157	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/15/91-08/15/91	0	1	
KATM0163	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/01/61-07/01/61	0	1	
KATM0176	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/01/61-06/01/61	0	1	
KATM0219	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/11/72-06/16/72	0	2	
KATM0224	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/24/80-04/24/80	0	1	
KATM0225	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/01/61-06/01/61	0	1	
KATM0229	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/01/61-06/01/61	0	1	
KATM0248	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/07/71-07/07/71	0	1	
KATM0020	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/89-08/13/89	0	1	
KATM0083	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/89-08/26/89	0	1	
KATM0085	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/89-08/26/89	0	1	
KATM0086	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/89-08/26/89	0	1	
KATM0088	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/89-08/26/89	0	1	
KATM0089	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/82-07/26/82	0	1	
KATM0091	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/89-08/26/89	0	1	
KATM0098	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/82-08/03/82	0	1	
KATM0100	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/82-08/03/82	0	1	
KATM0102	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/09/84-08/09/84	0	1	
KATM0103	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/82-08/09/84	2	2	
KATM0110	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/25/89-08/25/89	0	1	
KATM0114	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/25/89-08/25/89	0	1	
KATM0119	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/89-08/24/89	0	1	
KATM0123	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/89-06/04/90	0	2	
KATM0124	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/04/90-06/04/90	0	1	
KATM0126	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/89-08/23/89	0	1	
KATM0128	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/89-08/23/89	0	1	
KATM0131	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/89-08/24/89	0	1	
KATM0132	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/89-08/04/89	0	1	
KATM0133	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/89-08/24/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0137	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/21/89-08/21/89	0	1	
KATM0140	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/28/89-08/28/89	0	1	
KATM0142	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/82-08/28/89	7	2	
KATM0147	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/82-08/20/89	7	2	
KATM0148	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/89-08/20/89	0	1	
KATM0151	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/12/82-08/19/89	7	2	
KATM0154	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/89-08/20/89	0	1	
KATM0156	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/89-08/19/89	0	1	
KATM0159	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/12/82-08/19/89	7	2	
KATM0161	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/14/82-08/20/89	7	2	
KATM0219	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/07/71-03/29/72	0	3	
KATM0248	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/17/71-09/25/72	1	2	
KATM0020	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/13/89-08/13/89	0	1	
KATM0020	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/13/89-08/13/89	0	1	
KATM0099	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/15/91-08/15/91	0	1	
KATM0122	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	06/15/91-06/15/91	0	1	
KATM0125	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/15/91-08/15/91	0	1	
KATM0127	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	06/15/91-06/15/91	0	1	
KATM0129	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	06/15/91-06/15/91	0	1	
KATM0143	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	06/15/91-06/15/91	0	1	
KATM0150	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	06/15/91-06/15/91	0	1	
KATM0157	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/15/91-08/15/91	0	1	
KATM0034	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/29/90-08/10/91	0	5	
KATM0219	No	01075	SILVER, DISSOLVED (UG/L AS AG)	02/11/72-02/11/72	0	1	
KATM0099	Yes	01077	SILVER, TOTAL (UG/L AS AG)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01077	SILVER, TOTAL (UG/L AS AG)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01077	SILVER, TOTAL (UG/L AS AG)	08/15/91-08/15/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0122	Yes	01077	SILVER, TOTAL (UG/L AS AG)	06/15/91-06/15/91	0	1	
KATM0125	Yes	01077	SILVER, TOTAL (UG/L AS AG)	08/15/91-08/15/91	0	1	
KATM0127	Yes	01077	SILVER, TOTAL (UG/L AS AG)	06/15/91-06/15/91	0	1	
KATM0129	Yes	01077	SILVER, TOTAL (UG/L AS AG)	06/15/91-06/15/91	0	1	
KATM0143	Yes	01077	SILVER, TOTAL (UG/L AS AG)	06/15/91-06/15/91	0	1	
KATM0150	Yes	01077	SILVER, TOTAL (UG/L AS AG)	06/15/91-06/15/91	0	1	
KATM0157	Yes	01077	SILVER, TOTAL (UG/L AS AG)	08/15/91-08/15/91	0	1	
KATM0224	No	01077	SILVER, TOTAL (UG/L AS AG)	04/24/80-04/24/80	0	1	
KATM0034	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/29/90-08/10/91	0	5	
KATM0020	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/13/89-08/13/89	0	1	
KATM0083	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/26/89-08/26/89	0	1	
KATM0085	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/26/89-08/26/89	0	1	
KATM0086	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/26/89-08/26/89	0	1	
KATM0088	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/26/89-08/26/89	0	1	
KATM0091	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/26/89-08/26/89	0	1	
KATM0098	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/03/82-08/03/82	0	1	
KATM0100	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/03/82-08/03/82	0	1	
KATM0102	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/09/84-08/09/84	0	1	
KATM0103	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/03/82-08/09/84	2	2	
KATM0104	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/89-08/31/89	0	1	
KATM0109	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/89-08/31/89	0	1	
KATM0110	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/25/89-08/25/89	0	1	
KATM0114	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/25/89-08/25/89	0	1	
KATM0119	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/24/89-08/24/89	0	1	
KATM0123	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/23/89-03/15/91	1	2	
KATM0124	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/15/91-03/15/91	0	1	
KATM0126	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/23/89-08/23/89	0	1	
KATM0128	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/23/89-08/23/89	0	1	
KATM0131	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/24/89-08/24/89	0	1	
KATM0132	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/89-08/04/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0133	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/24/89-08/24/89	0	1	
KATM0137	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/21/89-08/21/89	0	1	
KATM0140	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/28/89-08/28/89	0	1	
KATM0142	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/13/82-08/28/89	7	2	
KATM0147	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/13/82-08/20/89	7	2	
KATM0148	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/89-08/20/89	0	1	
KATM0151	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/12/82-08/19/89	7	2	
KATM0154	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/89-08/20/89	0	1	
KATM0156	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/19/82-08/19/89	7	2	
KATM0159	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/12/82-08/19/89	7	2	
KATM0161	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/14/82-08/20/89	7	2	
KATM0099	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/15/91-08/15/91	0	1	
KATM0125	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/15/91-08/15/91	0	1	
KATM0157	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/15/91-08/15/91	0	1	
KATM0034	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/29/90-08/10/91	0	5	
KATM0020	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/13/89-08/13/89	0	1	
KATM0219	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/11/72-02/11/72	0	1	
KATM0038	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/04/86-08/04/86	0	1	
KATM0046	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/26/86-07/26/86	0	1	
KATM0074	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/20/84-08/20/84	0	1	
KATM0078	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/20/84-08/20/84	0	1	
KATM0095	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/20/84-08/20/84	0	1	
KATM0099	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/15/91-08/15/91	0	1	
KATM0122	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/15/91-06/15/91	0	1	
KATM0125	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/15/91-08/15/91	0	1	
KATM0127	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/15/91-06/15/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0129	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/15/91-06/15/91	0	1	
KATM0143	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/15/91-06/15/91	0	1	
KATM0150	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/15/91-06/15/91	0	1	
KATM0157	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/15/91-08/15/91	0	1	
KATM0177	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/02/86-08/02/86	0	1	
KATM0232	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/20/86-07/20/86	0	1	
KATM0240	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/10/86-08/10/86	0	1	
KATM0034	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/29/90-08/10/91	0	5	
KATM0020	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/13/89-08/13/89	0	1	
KATM0099	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	08/15/91-08/15/91	0	1	
KATM0125	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	08/15/91-08/15/91	0	1	
KATM0157	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	08/15/91-08/15/91	0	1	
KATM0020	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/13/89-08/13/89	0	1	
KATM0034	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	07/31/91-07/31/91	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0082	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/29/90-08/10/91	0	5	
KATM0038	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/04/86-08/04/86	0	1	
KATM0046	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/26/86-07/26/86	0	1	
KATM0116	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/20/86-07/20/86	0	1	
KATM0177	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/02/86-08/02/86	0	1	
KATM0232	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/20/86-07/20/86	0	1	
KATM0240	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/10/86-08/10/86	0	1	
KATM0020	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/13/89-08/13/89	0	1	
KATM0034	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/09/90-08/04/92	1	9	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0218	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/29/90-08/10/91	0	5	
KATM0089	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	07/26/82-07/26/82	0	1	
KATM0098	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	08/03/82-08/03/82	0	1	
KATM0100	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	08/03/82-08/03/82	0	1	
KATM0102	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	08/09/84-08/09/84	0	1	
KATM0103	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	08/03/82-08/09/84	2	2	
KATM0123	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	08/23/89-03/15/91	1	3	
KATM0124	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	06/04/90-03/15/91	0	2	
KATM0126	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	08/23/89-08/23/89	0	1	
KATM0128	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	08/23/89-08/23/89	0	1	
KATM0132	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	08/04/89-08/04/89	0	1	
KATM0142	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	08/13/82-08/13/82	0	1	
KATM0147	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	08/13/82-08/13/82	0	1	
KATM0151	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	08/12/82-08/12/82	0	1	
KATM0159	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	08/12/82-08/12/82	0	1	
KATM0161	Yes	01115	CESIUM, DISSOLVED (UG/L AS CS)	08/14/82-08/14/82	0	1	
KATM0099	Yes	01117	CESIUM, TOTAL (UG/L AS CS)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01117	CESIUM, TOTAL (UG/L AS CS)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01117	CESIUM, TOTAL (UG/L AS CS)	08/15/91-08/15/91	0	1	
KATM0125	Yes	01117	CESIUM, TOTAL (UG/L AS CS)	08/15/91-08/15/91	0	1	
KATM0157	Yes	01117	CESIUM, TOTAL (UG/L AS CS)	08/15/91-08/15/91	0	1	
KATM0034	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/24/90-08/24/90	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0045	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/04/91-08/04/91	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0214	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/29/90-08/10/91	0	5	
KATM0034	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/03/90-08/03/90	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0164	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/29/90-08/10/91	0	5	
KATM0055	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/07/75-07/07/75	0	1	
KATM0057	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/07/75-07/07/75	0	1	
KATM0083	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/26/89-08/26/89	0	1	
KATM0085	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/26/89-08/26/89	0	1	
KATM0086	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/26/89-08/26/89	0	1	
KATM0087	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/25/82-07/25/82	0	1	
KATM0088	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/01/86-08/26/89	3	2	
KATM0089	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/26/82-07/26/82	0	1	
KATM0091	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/26/89-08/26/89	0	1	
KATM0098	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/03/82-08/03/82	0	1	
KATM0100	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/03/82-08/03/82	0	1	
KATM0102	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/09/84-08/09/84	0	1	
KATM0103	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/03/82-08/09/84	2	2	
KATM0104	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/31/89-08/31/89	0	1	
KATM0108	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/28/86-07/28/86	0	1	
KATM0109	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/31/89-08/31/89	0	1	
KATM0110	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/25/89-08/25/89	0	1	
KATM0113	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/06/84-08/06/84	0	1	
KATM0114	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/25/89-08/25/89	0	1	
KATM0118	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/06/90-06/06/90	0	1	
KATM0119	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/24/89-08/24/89	0	1	
KATM0121	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/86-08/05/86	0	1	
KATM0123	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/23/89-03/15/91	1	3	
KATM0124	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/04/90-03/15/91	0	2	
KATM0126	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/87-08/23/89	2	3	
KATM0130	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/87-07/24/87	0	1	
KATM0131	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/24/89-08/24/89	0	1	
KATM0132	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/82-08/04/82	0	1	
KATM0133	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/24/89-08/24/89	0	1	
KATM0135	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/08/90-06/08/90	0	1	
KATM0136	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/08/90-06/08/90	0	1	
KATM0137	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/21/89-08/21/89	0	1	
KATM0138	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/02/90-06/02/90	0	1	
KATM0140	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/28/89-08/28/89	0	1	
KATM0142	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/13/82-08/28/89	7	2	
KATM0144	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/06/84-08/06/84	0	1	
KATM0146	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/06/86-08/06/86	0	1	
KATM0147	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/13/82-06/05/90	7	4	
KATM0148	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/89-08/20/89	0	1	
KATM0151	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/12/82-06/03/90	7	3	
KATM0154	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/89-08/20/89	0	1	
KATM0155	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/20/86-07/20/86	0	1	
KATM0156	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/19/82-08/19/89	7	3	
KATM0159	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/12/82-06/03/90	7	4	
KATM0161	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/14/82-08/20/89	7	3	
KATM0099	Yes	01132	LITHIUM, TOTAL (UG/L AS LI)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01132	LITHIUM, TOTAL (UG/L AS LI)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01132	LITHIUM, TOTAL (UG/L AS LI)	08/15/91-08/15/91	0	1	
KATM0125	Yes	01132	LITHIUM, TOTAL (UG/L AS LI)	08/15/91-08/15/91	0	1	
KATM0157	Yes	01132	LITHIUM, TOTAL (UG/L AS LI)	08/15/91-08/15/91	0	1	
KATM0034	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/24/90-08/24/90	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0042	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/29/90-08/10/91	0	5	
KATM0089	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	07/26/82-07/26/82	0	1	
KATM0098	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/03/82-08/03/82	0	1	
KATM0100	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/03/82-08/03/82	0	1	
KATM0102	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/09/84-08/09/84	0	1	
KATM0103	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/03/82-08/09/84	2	2	
KATM0123	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/23/89-03/15/91	1	3	
KATM0124	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	06/04/90-03/15/91	0	2	
KATM0126	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/23/89-08/23/89	0	1	
KATM0128	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/23/89-08/23/89	0	1	
KATM0132	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/04/89-08/04/89	0	1	
KATM0142	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/13/82-08/13/82	0	1	
KATM0147	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/13/82-08/13/82	0	1	
KATM0151	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/12/82-08/12/82	0	1	
KATM0156	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	07/19/82-07/19/82	0	1	
KATM0159	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/12/82-08/12/82	0	1	
KATM0161	Yes	01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/14/82-08/14/82	0	1	
KATM0099	Yes	01137	RUBIDIUM, TOTAL (UG/L AS RB)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01137	RUBIDIUM, TOTAL (UG/L AS RB)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01137	RUBIDIUM, TOTAL (UG/L AS RB)	08/15/91-08/15/91	0	1	
KATM0125	Yes	01137	RUBIDIUM, TOTAL (UG/L AS RB)	08/15/91-08/15/91	0	1	
KATM0157	Yes	01137	RUBIDIUM, TOTAL (UG/L AS RB)	08/15/91-08/15/91	0	1	
KATM0020	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	08/13/89-08/13/89	0	1	
KATM0178	Yes	01142	SILICON, TOTAL (UG/L AS SI)	08/04/57-08/04/57	0	1	
KATM0183	Yes	01142	SILICON, TOTAL (UG/L AS SI)	08/04/57-08/04/57	0	1	
KATM0209	Yes	01142	SILICON, TOTAL (UG/L AS SI)	07/04/57-07/04/57	0	1	
KATM0213	Yes	01142	SILICON, TOTAL (UG/L AS SI)	07/04/57-07/04/57	0	1	
KATM0217	Yes	01142	SILICON, TOTAL (UG/L AS SI)	07/04/57-07/04/57	0	1	
KATM0233	Yes	01142	SILICON, TOTAL (UG/L AS SI)	07/04/57-07/04/57	0	1	
KATM0020	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/13/89-08/13/89	0	1	
KATM0219	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/11/72-02/11/72	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0099	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	08/15/91-08/15/91	0	1	
KATM0106	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	08/15/91-08/15/91	0	1	
KATM0117	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	08/15/91-08/15/91	0	1	
KATM0122	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	06/15/91-06/15/91	0	1	
KATM0125	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	08/15/91-08/15/91	0	1	
KATM0127	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	06/15/91-06/15/91	0	1	
KATM0129	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	06/15/91-06/15/91	0	1	
KATM0143	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	06/15/91-06/15/91	0	1	
KATM0150	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	06/15/91-06/15/91	0	1	
KATM0157	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	08/15/91-08/15/91	0	1	
KATM0224	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/24/80-04/24/80	0	1	
KATM0020	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/13/89-08/13/89	0	1	
KATM0062	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/13/89-08/13/89	0	1	
KATM0045	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	07/24/92-07/24/92	0	1	
KATM0047	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/06/92-08/06/92	0	3	
KATM0052	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	07/25/91-07/26/91	0	33	
KATM0058	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/06/92-08/06/92	0	3	
KATM0072	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	07/30/91-07/30/91	0	3	
KATM0075	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	07/31/91-07/31/91	0	3	
KATM0082	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/07/92-08/07/92	0	3	
KATM0101	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/07/92-08/07/92	0	3	
KATM0105	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/02/91-08/02/91	0	3	
KATM0141	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/02/91-08/02/91	0	3	
KATM0164	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	07/31/91-08/06/92	1	6	
KATM0165	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/05/92-08/05/92	0	3	
KATM0166	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/04/91-07/28/92	0	6	
KATM0172	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	07/29/91-07/27/92	0	6	
KATM0208	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/10/91-08/10/91	0	3	
KATM0211	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/08/92-08/08/92	0	3	
KATM0212	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/04/91-08/04/91	0	3	
KATM0214	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/10/91-08/10/91	0	3	
KATM0216	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/04/91-08/04/92	1	6	
KATM0226	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/10/91-08/10/91	0	3	
KATM0231	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/08/91-08/08/91	0	3	
KATM0235	Yes	01154	TUNGSTEN, TOTAL (UG/L AS W)	08/10/91-08/10/91	0	3	
KATM0034	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/09/90-08/09/90	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0221	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/29/90-08/10/91	0	5	
KATM0219	No	01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	03/24/71-03/24/71	0	1	
KATM0219	No	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	03/24/71-03/24/71	0	1	
KATM0219	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	03/24/71-03/24/71	0	1	
KATM0219	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	03/24/71-03/24/71	0	1	
KATM0188	Yes	04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/96	1	3	
KATM0189	Yes	04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/97	2	4	
KATM0190	Yes	04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/97	2	4	
KATM0191	Yes	04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/96	1	6	
KATM0192	Yes	04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	09/15/97-09/15/97	0	1	
KATM0193	Yes	04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/96	1	3	
KATM0194	Yes	04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/96	1	3	
KATM0195	Yes	04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	09/15/97-09/15/97	0	1	
KATM0196	Yes	04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	09/15/97-09/15/97	0	1	
KATM0197	Yes	04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/96	1	3	
KATM0198	Yes	04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	09/15/97-09/15/97	0	1	
KATM0199	Yes	04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/96	1	3	
KATM0219	No	09511	RADIUM 226, DISSOLVED, RADON METHOD	03/24/71-03/24/71	0	1	
KATM0083	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/26/89-08/26/89	0	1	
KATM0085	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/26/89-08/26/89	0	1	
KATM0086	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/26/89-08/26/89	0	1	
KATM0087	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/25/82-07/25/82	0	1	
KATM0088	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/01/86-08/26/89	3	2	
KATM0089	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/26/82-07/26/82	0	1	
KATM0091	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/26/89-08/26/89	0	1	
KATM0098	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/03/82-08/03/82	0	1	
KATM0100	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/03/82-08/03/82	0	1	
KATM0102	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/09/84-08/09/84	0	1	
KATM0103	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/03/82-08/09/84	2	2	
KATM0104	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/31/89-08/31/89	0	1	
KATM0108	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/28/86-07/28/86	0	1	
KATM0109	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/31/89-08/31/89	0	1	
KATM0110	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/25/89-08/25/89	0	1	
KATM0113	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/06/84-08/06/84	0	1	
KATM0114	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/25/89-08/25/89	0	1	
KATM0118	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	06/06/90-06/06/90	0	1	
KATM0119	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/24/89-08/24/89	0	1	
KATM0121	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/05/86-08/05/86	0	1	
KATM0123	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/23/89-03/15/91	1	3	
KATM0124	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	06/04/90-03/15/91	0	2	
KATM0126	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/24/87-08/23/89	2	3	
KATM0130	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/24/87-07/24/87	0	1	
KATM0131	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/24/89-08/24/89	0	1	
KATM0132	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/04/82-08/04/82	0	1	
KATM0133	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/24/89-08/24/89	0	1	
KATM0135	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	06/08/90-06/08/90	0	1	
KATM0136	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	06/08/90-06/08/90	0	1	
KATM0137	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/21/89-08/21/89	0	1	
KATM0138	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	06/02/90-06/02/90	0	1	
KATM0140	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/28/89-08/28/89	0	1	
KATM0142	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/13/82-08/28/89	7	2	
KATM0144	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/06/84-08/06/84	0	1	
KATM0146	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/06/86-08/06/86	0	1	
KATM0147	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/13/82-06/05/90	7	4	
KATM0148	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/20/89-08/20/89	0	1	
KATM0151	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/12/82-06/03/90	7	3	
KATM0154	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/20/89-08/20/89	0	1	
KATM0155	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/20/86-07/20/86	0	1	
KATM0156	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/19/82-08/19/89	7	3	
KATM0159	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/12/82-06/03/90	7	4	
KATM0161	Yes	29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/14/82-08/20/89	7	3	
KATM0035	Yes	30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	07/24/92-07/24/92	0	1	
KATM0036	Yes	30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	07/24/92-07/24/92	0	1	
KATM0037	Yes	30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	07/24/92-07/24/92	0	1	
KATM0039	Yes	30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	07/24/92-07/24/92	0	1	
KATM0044	Yes	30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	07/24/92-07/24/92	0	1	
KATM0045	Yes	30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	07/24/92-07/24/92	0	1	
KATM0051	Yes	30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	07/24/92-07/24/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0056	Yes	30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	07/24/92-07/24/92	0	1	
KATM0064	Yes	30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	07/24/92-07/24/92	0	1	
KATM0077	Yes	30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	07/24/92-07/24/92	0	1	
KATM0042	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/05/90-08/05/90	0	1	
KATM0047	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/09/92-08/09/92	0	1	
KATM0058	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/06/92-08/06/92	0	1	
KATM0063	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/03/90-08/03/90	0	1	
KATM0072	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/10/90-08/10/90	0	1	
KATM0082	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/07/92-08/07/92	0	1	
KATM0101	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/07/92-08/07/92	0	1	
KATM0107	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/05/90-08/05/90	0	1	
KATM0153	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/03/90-08/03/90	0	1	
KATM0164	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/05/92-08/05/92	0	1	
KATM0165	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/02/92-08/02/92	0	1	
KATM0166	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/04/90-07/28/92	1	2	
KATM0172	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/06/90-07/27/92	1	2	
KATM0211	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/08/92-08/08/92	0	1	
KATM0216	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/09/90-08/04/92	1	2	
KATM0218	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/09/90-08/09/90	0	1	
KATM0228	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/02/90-08/02/90	0	1	
KATM0020	Yes	32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	08/13/89-08/13/89	0	1	
KATM0062	Yes	32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	08/13/89-08/13/89	0	1	
KATM0092	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0243	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34223	ANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0188	Yes	34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0189	Yes	34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/97	1	3	
KATM0190	Yes	34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/97	1	3	
KATM0191	Yes	34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	4	
KATM0192	Yes	34237	BENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	0	1	
KATM0193	Yes	34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0194	Yes	34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0195	Yes	34237	BENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	0	1	
KATM0196	Yes	34237	BENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	0	1	
KATM0197	Yes	34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0198	Yes	34237	BENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	0	1	
KATM0199	Yes	34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0092	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0185	Yes	34301	CHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0186	Yes	34301	CHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0187	Yes	34301	CHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0202	Yes	34301	CHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0203	Yes	34301	CHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0204	Yes	34301	CHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0241	Yes	34301	CHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0242	Yes	34301	CHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0243	Yes	34301	CHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0092	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34323	CHRYSENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
KATM0093	Yes	34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
KATM0094	Yes	34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	0	2	
KATM0168	Yes	34371	ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
KATM0169	Yes	34371	ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	0	2	
KATM0170	Yes	34371	ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	0	1	
KATM0185	Yes	34371	ETHYLBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0186	Yes	34371	ETHYLBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0187	Yes	34371	ETHYLBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0188	Yes	34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/96	1	4	
KATM0189	Yes	34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/97	2	5	
KATM0190	Yes	34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/97	2	5	
KATM0191	Yes	34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/96	1	7	
KATM0192	Yes	34371	ETHYLBENZENE TOTWUG/L	09/15/97-09/15/97	0	1	
KATM0193	Yes	34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/96	1	4	
KATM0194	Yes	34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/96	1	4	
KATM0195	Yes	34371	ETHYLBENZENE TOTWUG/L	09/15/97-09/15/97	0	1	
KATM0196	Yes	34371	ETHYLBENZENE TOTWUG/L	09/15/97-09/15/97	0	1	
KATM0197	Yes	34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/96	1	4	
KATM0198	Yes	34371	ETHYLBENZENE TOTWUG/L	09/15/97-09/15/97	0	1	
KATM0199	Yes	34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/96	1	4	
KATM0202	Yes	34371	ETHYLBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0203	Yes	34371	ETHYLBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0204	Yes	34371	ETHYLBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0241	Yes	34371	ETHYLBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0242	Yes	34371	ETHYLBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0243	Yes	34371	ETHYLBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0244	No	34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	0	2	
KATM0245	No	34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
KATM0246	No	34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	0	1	
KATM0188	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0189	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/97	1	3	
KATM0190	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/97	1	3	
KATM0191	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	4	
KATM0192	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	0	1	
KATM0193	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0194	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0195	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	0	1	
KATM0196	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	0	1	
KATM0197	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0198	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	0	1	
KATM0199	Yes	34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0092	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0170	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	34384	FLUORENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34384	FLUORENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34384	FLUORENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34384	FLUORENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34384	FLUORENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34384	FLUORENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34384	FLUORENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34384	FLUORENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34384	FLUORENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34384	FLUORENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34384	FLUORENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34384	FLUORENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34384	FLUORENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34384	FLUORENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34384	FLUORENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34384	FLUORENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34384	FLUORENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34384	FLUORENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0170	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	34472	PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34472	PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34472	PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34472	PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34472	PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34472	PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34472	PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34472	PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34472	PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34472	PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34472	PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34472	PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34472	PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34472	PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34472	PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34472	PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34472	PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34472	PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0188	Yes	34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0189	Yes	34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/97	1	3	
KATM0190	Yes	34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/97	1	3	
KATM0191	Yes	34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	4	
KATM0192	Yes	34483	TOLUENE DRY WGTBOTUG/KG	09/15/97-09/15/97	0	1	
KATM0193	Yes	34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0194	Yes	34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0195	Yes	34483	TOLUENE DRY WGTBOTUG/KG	09/15/97-09/15/97	0	1	
KATM0196	Yes	34483	TOLUENE DRY WGTBOTUG/KG	09/15/97-09/15/97	0	1	
KATM0197	Yes	34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0198	Yes	34483	TOLUENE DRY WGTBOTUG/KG	09/15/97-09/15/97	0	1	
KATM0199	Yes	34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/96	0	2	
KATM0092	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0204	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0185	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0186	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0187	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0202	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0203	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0204	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0241	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0242	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0243	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0092	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	0	3	
KATM0185	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0186	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0187	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0202	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0203	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0204	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0241	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0242	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0243	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0185	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0186	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0187	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0202	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0203	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0204	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	0	1	
KATM0241	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0242	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0243	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	0	1	
KATM0219	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/11/72-02/11/72	0	1	
KATM0092	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0093	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	0	3	
KATM0188	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/96	0	2	
KATM0189	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/97	1	3	
KATM0190	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/97	1	3	
KATM0191	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/96	0	4	
KATM0192	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	09/15/97-09/15/97	0	1	
KATM0193	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/96	0	2	
KATM0194	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/96	0	2	
KATM0195	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	09/15/97-09/15/97	0	1	
KATM0196	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	09/15/97-09/15/97	0	1	
KATM0197	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/96	0	2	
KATM0198	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	09/15/97-09/15/97	0	1	
KATM0199	Yes	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/96	0	2	
KATM0205	Yes	49610	NITROGEN, TOTAL PERSULFATE, TOTAL, WATER MG/L	07/01/85-07/01/85	0	1	
KATM0207	Yes	49610	NITROGEN, TOTAL PERSULFATE, TOTAL, WATER MG/L	07/01/85-07/01/85	0	1	
KATM0215	Yes	49610	NITROGEN, TOTAL PERSULFATE, TOTAL, WATER MG/L	07/01/85-07/01/85	0	1	
KATM0220	Yes	49610	NITROGEN, TOTAL PERSULFATE, TOTAL, WATER MG/L	07/01/85-07/01/85	0	10	
KATM0227	Yes	49610	NITROGEN, TOTAL PERSULFATE, TOTAL, WATER MG/L	07/01/85-07/01/85	0	1	
KATM0230	Yes	49610	NITROGEN, TOTAL PERSULFATE, TOTAL, WATER MG/L	07/01/85-07/01/85	0	1	
KATM0234	Yes	49610	NITROGEN, TOTAL PERSULFATE, TOTAL, WATER MG/L	07/01/85-07/01/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0092	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0092	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0092	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0092	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0092	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0092	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0092	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0092	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0092	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0188	Yes	49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/96	1	4	
KATM0189	Yes	49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/97	2	5	
KATM0190	Yes	49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/97	2	5	
KATM0191	Yes	49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/96	1	7	
KATM0192	Yes	49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	09/15/97-09/15/97	0	1	
KATM0193	Yes	49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/96	1	4	
KATM0194	Yes	49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/96	1	4	
KATM0195	Yes	49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	09/15/97-09/15/97	0	1	
KATM0196	Yes	49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	09/15/97-09/15/97	0	1	
KATM0197	Yes	49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/96	1	4	
KATM0198	Yes	49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	09/15/97-09/15/97	0	1	
KATM0199	Yes	49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/96	1	3	
KATM0034	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/06/92-08/06/92	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0048	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	07/25/91-07/26/91	0	33	
KATM0054	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/90-08/10/91	0	5	
KATM0020	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/13/89-08/13/89	0	1	
KATM0062	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/13/89-08/13/89	0	1	
KATM0038	Yes	50938	ANION - CATION RATIO	08/04/86-08/04/86	0	1	
KATM0046	Yes	50938	ANION - CATION RATIO	07/26/86-07/26/86	0	1	
KATM0116	Yes	50938	ANION - CATION RATIO	07/20/86-07/20/86	0	1	
KATM0177	Yes	50938	ANION - CATION RATIO	08/02/86-08/02/86	0	1	
KATM0232	Yes	50938	ANION - CATION RATIO	07/20/86-07/20/86	0	1	
KATM0240	Yes	50938	ANION - CATION RATIO	08/10/86-08/10/86	0	1	
KATM0092	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/12/97-08/12/97	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0203	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/17/96-09/17/96	0	3	
KATM0042	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/05/90-08/05/90	0	1	
KATM0047	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/06/92-08/06/92	0	1	
KATM0052	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	07/25/91-07/25/91	0	1	
KATM0058	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/06/92-08/06/92	0	1	
KATM0063	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/03/90-08/03/90	0	1	
KATM0072	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/10/90-07/30/91	0	2	
KATM0075	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	07/31/91-07/31/91	0	1	
KATM0082	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/07/92-08/07/92	0	1	
KATM0101	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/07/92-08/07/92	0	1	
KATM0105	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/02/91-08/02/91	0	1	
KATM0107	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/05/90-08/05/90	0	1	
KATM0141	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/02/91-08/02/91	0	1	
KATM0153	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/03/90-08/03/90	0	1	
KATM0164	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	07/31/91-08/05/92	1	2	
KATM0165	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/05/92-08/05/92	0	1	
KATM0166	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/04/90-07/28/92	1	3	
KATM0172	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/06/90-07/27/92	1	3	
KATM0211	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/08/92-08/08/92	0	1	
KATM0212	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/04/91-08/04/91	0	1	
KATM0216	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/09/90-08/04/92	1	3	
KATM0218	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/09/90-08/09/90	0	1	
KATM0228	Yes	50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/02/90-08/02/90	0	1	
KATM0088	Yes	50982	OXYGEN-18/OXYGEN-16 IN SULFATE(DELTA)O-18(S04)0/00	08/26/89-08/26/89	0	1	
KATM0091	Yes	50982	OXYGEN-18/OXYGEN-16 IN SULFATE(DELTA)O-18(S04)0/00	08/26/89-08/26/89	0	1	
KATM0126	Yes	50982	OXYGEN-18/OXYGEN-16 IN SULFATE(DELTA)O-18(S04)0/00	08/23/89-08/23/89	0	1	
KATM0128	Yes	50982	OXYGEN-18/OXYGEN-16 IN SULFATE(DELTA)O-18(S04)0/00	08/23/89-08/23/89	0	1	
KATM0001	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0080	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0185	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0246	No	61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0203	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0004	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0015	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0028	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0069	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0170	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0244	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0009	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0021	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0049	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0026	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0066	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0168	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0242	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/16/96-09/16/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0185	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0246	No	61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0011	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0023	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-07/30/92	0	2	
KATM0002	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0060	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0094	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0204	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0005	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-07/30/92	0	2	
KATM0002	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0016	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0029	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0070	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0179	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0245	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0010	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0094	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0094	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0094	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0080	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0050	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0027	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0067	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0034	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	08/24/90-08/24/90	0	1	
KATM0041	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	08/24/90-08/24/90	0	1	
KATM0043	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	08/24/90-08/24/90	0	1	
KATM0048	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	08/24/90-08/24/90	0	1	
KATM0054	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	08/27/90-08/27/90	0	1	
KATM0065	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	08/28/90-08/28/90	0	1	
KATM0139	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	08/31/90-08/31/90	0	1	
KATM0145	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	08/31/90-08/31/90	0	1	
KATM0174	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	09/04/90-09/04/90	0	1	
KATM0180	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	08/28/90-08/28/90	0	1	
KATM0182	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	09/03/90-09/03/90	0	1	
KATM0206	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	09/04/90-09/04/90	0	1	
KATM0208	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	09/03/90-08/25/92	1	2	
KATM0210	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	09/03/90-09/03/90	0	1	
KATM0214	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	09/04/90-08/25/92	1	2	
KATM0221	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	08/29/90-08/29/90	0	1	
KATM0226	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	08/26/92-08/26/92	0	1	
KATM0231	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	09/04/90-08/26/92	1	2	
KATM0235	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	08/29/90-08/24/92	1	2	
KATM0239	Yes	61195	CHLOROPHYLL-A, SESTONIC MG/L	08/24/92-08/24/92	0	1	
KATM0034	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/24/90-08/24/90	0	2	
KATM0041	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/24/90-08/24/90	0	2	
KATM0042	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/05/90-08/05/90	0	3	
KATM0043	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/24/90-08/24/90	0	2	
KATM0045	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	07/24/92-07/24/92	0	1	
KATM0047	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/06/92-08/06/92	0	3	
KATM0048	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/24/90-08/24/90	0	2	
KATM0052	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	07/25/91-07/26/91	0	33	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0054	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/27/90-08/27/90	0	2	
KATM0058	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/06/92-08/06/92	0	3	
KATM0063	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/03/90-08/03/90	0	3	
KATM0065	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/28/90-08/28/90	0	2	
KATM0072	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/10/90-07/30/91	0	6	
KATM0075	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	07/31/91-07/31/91	0	3	
KATM0082	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/07/92-08/07/92	0	3	
KATM0101	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/07/92-08/07/92	0	3	
KATM0105	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/02/91-08/02/91	0	3	
KATM0107	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/05/90-08/05/90	0	3	
KATM0139	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/31/90-08/31/90	0	2	
KATM0141	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/02/91-08/02/91	0	3	
KATM0145	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/31/90-08/31/90	0	2	
KATM0153	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/03/90-08/03/90	0	3	
KATM0164	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	07/31/91-08/06/92	1	6	
KATM0165	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/05/92-08/05/92	0	3	
KATM0166	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/04/90-07/28/92	1	9	
KATM0172	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/06/90-07/27/92	1	9	
KATM0174	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	09/04/90-09/04/90	0	2	
KATM0180	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/28/90-08/28/90	0	2	
KATM0182	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	09/03/90-09/03/90	0	2	
KATM0206	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/28/90-08/28/90	0	2	
KATM0208	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	09/03/90-08/10/91	0	5	
KATM0210	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	09/03/90-09/03/90	0	2	
KATM0211	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/08/92-08/08/92	0	3	
KATM0212	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/04/91-08/04/91	0	3	
KATM0214	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	09/04/90-08/10/91	0	5	
KATM0216	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/09/90-08/04/92	1	9	
KATM0218	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/09/90-08/09/90	0	3	
KATM0221	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/29/90-08/29/90	0	2	
KATM0226	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/10/91-08/10/91	0	3	
KATM0228	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/02/90-08/02/90	0	3	
KATM0231	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	09/04/90-08/08/91	0	5	
KATM0235	Yes	61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/29/90-08/10/91	0	5	
KATM0001	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0080	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0096	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0179	No	61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0001	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0096	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0179	No	61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0001	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0027	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0096	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0179	No	61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0001	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0096	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0179	No	61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0001	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0011	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0096	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0179	No	61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0001	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0081	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0096	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0179	No	61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0112	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/01/61-06/01/61	0	1	
KATM0152	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/01/61-07/01/61	0	1	
KATM0163	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/01/61-07/01/61	0	1	
KATM0176	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/01/61-06/01/61	0	1	
KATM0224	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/24/80-04/24/80	0	1	
KATM0225	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/01/61-06/01/61	0	1	
KATM0229	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/01/61-06/01/61	0	1	
KATM0160	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/10/69-06/10/69	0	1	
KATM0162	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/04/69-06/04/69	0	1	
KATM0175	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/06/69-06/06/69	0	1	
KATM0181	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/08/53-09/08/53	0	1	
KATM0184	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/07/69-06/07/69	0	1	
KATM0201	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/08/53-09/08/53	0	1	
KATM0219	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/27/56-06/16/72	15	9	T
KATM0247	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/07/64-01/15/71	6	2	
KATM0248	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/08/64-09/25/72	8	4	
KATM0219	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	06/15/67-06/16/72	5	6	
KATM0248	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/07/71-09/25/72	1	3	
KATM0160	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/10/69-06/10/69	0	1	
KATM0162	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/04/69-06/04/69	0	1	
KATM0175	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/06/69-06/06/69	0	1	
KATM0181	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/08/53-09/08/53	0	1	
KATM0184	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/07/69-06/07/69	0	1	
KATM0201	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/08/53-09/08/53	0	1	
KATM0219	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/27/56-06/16/72	15	8	T
KATM0247	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/07/64-01/15/71	6	2	
KATM0248	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/08/64-09/25/72	8	4	
KATM0248	No	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	08/22/72-08/22/72	0	1	
KATM0248	No	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	08/22/72-08/22/72	0	1	
KATM0248	No	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	08/22/72-08/22/72	0	1	
KATM0248	No	70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	08/22/72-08/22/72	0	1	
KATM0224	No	70515	COLOR OF MEMBRANE FILTER FILTRATE (PT-CO UNITS)	04/24/80-04/24/80	0	1	
KATM0219	No	71830	HYDROXIDE ION (MG/L AS OH)	03/29/72-03/29/72	0	1	
KATM0020	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/13/89-08/13/89	0	1	
KATM0062	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/13/89-08/13/89	0	1	
KATM0160	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/10/69-06/10/69	0	1	
KATM0162	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/04/69-06/04/69	0	1	
KATM0175	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/06/69-06/06/69	0	1	
KATM0181	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/08/53-09/08/53	0	1	
KATM0184	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/07/69-06/07/69	0	1	
KATM0201	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/08/53-09/08/53	0	1	
KATM0219	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/27/56-06/16/72	15	9	T
KATM0247	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/07/64-01/15/71	6	2	
KATM0248	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/08/64-09/25/72	8	4	
KATM0219	No	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	06/27/56-04/03/57	0	2	
KATM0247	No	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/07/64-01/15/71	6	2	
KATM0248	No	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/08/64-07/08/64	0	1	
KATM0160	Yes	71885	IRON (UG/L AS FE)	06/10/69-06/10/69	0	1	
KATM0162	Yes	71885	IRON (UG/L AS FE)	06/04/69-06/04/69	0	1	
KATM0175	Yes	71885	IRON (UG/L AS FE)	06/06/69-06/06/69	0	1	
KATM0181	Yes	71885	IRON (UG/L AS FE)	09/08/53-09/08/53	0	1	
KATM0184	Yes	71885	IRON (UG/L AS FE)	06/07/69-06/07/69	0	1	
KATM0201	Yes	71885	IRON (UG/L AS FE)	09/08/53-09/08/53	0	1	
KATM0219	No	71885	IRON (UG/L AS FE)	06/27/56-10/03/67	11	4	
KATM0247	No	71885	IRON (UG/L AS FE)	07/07/64-01/15/71	6	2	
KATM0248	No	71885	IRON (UG/L AS FE)	07/08/64-07/08/64	0	1	
KATM0099	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/15/91-08/15/91	0	1	
KATM0106	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/15/91-08/15/91	0	1	
KATM0117	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/15/91-08/15/91	0	1	
KATM0122	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/15/91-06/15/91	0	1	
KATM0125	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/15/91-08/15/91	0	1	
KATM0127	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/15/91-06/15/91	0	1	
KATM0129	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/15/91-06/15/91	0	1	
KATM0143	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/15/91-06/15/91	0	1	
KATM0150	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/15/91-06/15/91	0	1	
KATM0157	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/15/91-08/15/91	0	1	
KATM0224	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/24/80-04/24/80	0	1	
KATM0247	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/15/71-01/15/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0219	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	06/27/56-09/26/72	16	12	
KATM0092	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	0	1	
KATM0093	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	0	1	
KATM0094	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	0	2	
KATM0168	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/16/96-09/16/96	0	1	
KATM0169	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/16/96-09/16/96	0	2	
KATM0170	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/16/96-09/16/96	0	1	
KATM0185	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	0	1	
KATM0186	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	0	1	
KATM0187	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	0	1	
KATM0188	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	1	4	
KATM0189	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/97	2	5	
KATM0190	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/97	2	5	
KATM0191	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	1	7	
KATM0192	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	0	1	
KATM0193	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	1	4	
KATM0194	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	1	4	
KATM0195	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	0	1	
KATM0196	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	0	1	
KATM0197	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	1	4	
KATM0198	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	0	1	
KATM0199	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	1	4	
KATM0202	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	0	1	
KATM0203	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	0	1	
KATM0204	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	0	1	
KATM0241	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/13/97-08/13/97	0	1	
KATM0242	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/13/97-08/13/97	0	1	
KATM0243	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/13/97-08/13/97	0	1	
KATM0244	No	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	0	2	
KATM0245	No	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	0	1	
KATM0246	No	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	0	1	
KATM0092	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	0	1	
KATM0093	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	0	1	
KATM0094	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	0	2	
KATM0168	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/16/96-09/16/96	0	1	
KATM0169	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/16/96-09/16/96	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0170	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/16/96-09/16/96	0	1	
KATM0185	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	0	1	
KATM0186	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	0	1	
KATM0187	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	0	1	
KATM0188	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	1	4	
KATM0189	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/97	2	5	
KATM0190	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/97	2	5	
KATM0191	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	1	7	
KATM0192	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	0	1	
KATM0193	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	1	4	
KATM0194	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	1	4	
KATM0195	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	0	1	
KATM0196	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	0	1	
KATM0197	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	1	4	
KATM0198	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	0	1	
KATM0199	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	1	4	
KATM0202	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	0	1	
KATM0203	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	0	1	
KATM0204	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	0	1	
KATM0241	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/13/97-08/13/97	0	1	
KATM0242	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/13/97-08/13/97	0	1	
KATM0243	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/13/97-08/13/97	0	1	
KATM0244	No	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	0	2	
KATM0245	No	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	0	1	
KATM0246	No	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	0	1	
KATM0001	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0170	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78309	ACENAPHTHENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78309	ACENAPHTHENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78309	ACENAPHTHENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78309	ACENAPHTHENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78309	ACENAPHTHENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78309	ACENAPHTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78309	ACENAPHTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78309	ACENAPHTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78309	ACENAPHTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78309	ACENAPHTHENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78309	ACENAPHTHENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78309	ACENAPHTHENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78309	ACENAPHTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78309	ACENAPHTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78309	ACENAPHTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78309	ACENAPHTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78309	ACENAPHTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78309	ACENAPHTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78309	ACENAPHTHENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78309	ACENAPHTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78309	ACENAPHTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78309	ACENAPHTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78309	ACENAPHTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78309	ACENAPHTHENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78309	ACENAPHTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78309	ACENAPHTHENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0244	No	78309	ACENAPHTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78309	ACENAPHTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78309	ACENAPHTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78323	FLUORANTHENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78323	FLUORANTHENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78323	FLUORANTHENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78323	FLUORANTHENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78323	FLUORANTHENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78323	FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78323	FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78323	FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78323	FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78323	FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78323	FLUORANTHENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78323	FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78323	FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78323	FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78323	FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78323	FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78323	FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78323	FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78323	FLUORANTHENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78323	FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78323	FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78323	FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78323	FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78323	FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78323	FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78323	FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78323	FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78323	FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78323	FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78331	NAPHTHALENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78331	NAPHTHALENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78331	NAPHTHALENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78331	NAPHTHALENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0009	No	78331	NAPHTHALENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78331	NAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78331	NAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78331	NAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78331	NAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78331	NAPHTHALENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78331	NAPHTHALENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78331	NAPHTHALENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78331	NAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78331	NAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78331	NAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78331	NAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78331	NAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78331	NAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78331	NAPHTHALENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78331	NAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78331	NAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78331	NAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78331	NAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78331	NAPHTHALENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78331	NAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78331	NAPHTHALENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78331	NAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78331	NAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78331	NAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0021	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0049	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0092	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0202	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78346	CHRYSENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78346	CHRYSENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78346	CHRYSENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78346	CHRYSENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78346	CHRYSENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78346	CHRYSENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78346	CHRYSENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78346	CHRYSENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78346	CHRYSENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78346	CHRYSENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78346	CHRYSENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78346	CHRYSENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78346	CHRYSENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78346	CHRYSENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78346	CHRYSENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78346	CHRYSENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78346	CHRYSENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78346	CHRYSENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78346	CHRYSENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78346	CHRYSENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78346	CHRYSENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78346	CHRYSENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78346	CHRYSENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78346	CHRYSENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78346	CHRYSENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78346	CHRYSENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78346	CHRYSENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78346	CHRYSENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78346	CHRYSENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78346	CHRYSENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78346	CHRYSENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78346	CHRYSENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78346	CHRYSENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78346	CHRYSENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78346	CHRYSENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78346	CHRYSENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78346	CHRYSENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78346	CHRYSENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78346	CHRYSENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78346	CHRYSENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78346	CHRYSENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78346	CHRYSENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78346	CHRYSENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78346	CHRYSENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78346	CHRYSENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78346	CHRYSENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78346	CHRYSENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78346	CHRYSENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78346	CHRYSENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78346	CHRYSENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78346	CHRYSENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78346	CHRYSENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78346	CHRYSENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78346	CHRYSENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78346	CHRYSENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78346	CHRYSENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78346	CHRYSENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78346	CHRYSENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78346	CHRYSENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78346	CHRYSENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78346	CHRYSENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	07/30/92-08/06/94	2	4	
KATM0002	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	07/31/92-07/31/92	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0003	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/08/94-08/08/94	0	2	
KATM0004	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/28/89-09/28/89	0	2	
KATM0005	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	06/18/93-06/18/93	0	1	
KATM0006	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/06/92-08/06/92	0	1	
KATM0007	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/16/89-08/16/89	0	1	
KATM0008	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/09/94-08/09/94	0	2	
KATM0009	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	12/10/89-08/01/92	2	3	
KATM0010	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	07/14/94-07/14/94	0	6	
KATM0011	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	07/14/94-07/14/94	0	6	
KATM0012	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/16/89-08/16/89	0	1	
KATM0013	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	07/14/94-07/14/94	0	6	
KATM0014	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/16/89-08/16/89	0	1	
KATM0015	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/16/89-08/16/89	0	1	
KATM0016	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	07/14/94-07/14/94	0	6	
KATM0017	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/16/89-08/16/89	0	1	
KATM0018	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/16/89-08/16/89	0	1	
KATM0019	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/29/89-09/29/89	0	3	
KATM0021	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	10/02/89-09/09/93	3	4	
KATM0022	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/10/94-08/10/94	0	2	
KATM0023	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/02/92-08/02/92	0	2	
KATM0024	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/29/89-09/29/89	0	1	
KATM0026	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/27/89-09/27/89	0	1	
KATM0027	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/27/89-09/27/89	0	1	
KATM0028	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/27/89-09/27/89	0	1	
KATM0029	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/27/89-09/27/89	0	1	
KATM0030	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/27/89-09/27/89	0	1	
KATM0031	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/27/89-09/27/89	0	1	
KATM0032	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	06/27/90-06/27/90	0	2	
KATM0049	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/17/89-08/17/89	0	1	
KATM0050	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/17/89-08/17/89	0	1	
KATM0060	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/17/89-08/17/89	0	1	
KATM0061	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	07/15/94-07/15/94	0	6	
KATM0066	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	07/15/94-07/15/94	0	6	
KATM0067	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	07/15/94-07/15/94	0	6	
KATM0069	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/17/89-08/17/89	0	1	
KATM0070	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/17/89-08/17/89	0	1	
KATM0080	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/04/92-08/04/92	0	2	
KATM0081	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/11/94-08/11/94	0	2	
KATM0084	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/17/89-08/17/89	0	1	
KATM0092	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/17/96-09/17/96	0	3	
KATM0093	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/17/96-09/17/96	0	3	
KATM0094	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/17/96-09/17/96	0	3	
KATM0096	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/29/89-09/29/89	0	1	
KATM0168	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/16/96-09/16/96	0	3	
KATM0169	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/16/96-09/16/96	0	4	
KATM0170	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/16/96-09/16/96	0	3	
KATM0179	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	07/15/94-07/15/94	0	6	
KATM0185	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/12/97-08/12/97	0	3	
KATM0186	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/12/97-08/12/97	0	3	
KATM0187	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/12/97-08/12/97	0	3	
KATM0202	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/12/97-08/12/97	0	3	
KATM0203	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/12/97-08/12/97	0	3	
KATM0204	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/12/97-08/12/97	0	3	
KATM0241	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/13/97-08/13/97	0	3	
KATM0242	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/13/97-08/13/97	0	3	
KATM0243	Yes	78347	ACENAPHTHYLENE SEDWETWTMG/K	08/13/97-08/13/97	0	3	
KATM0244	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/17/96-09/17/96	0	4	
KATM0245	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/17/96-09/17/96	0	3	
KATM0246	No	78347	ACENAPHTHYLENE SEDWETWTMG/K	09/17/96-09/17/96	0	3	
KATM0001	No	78348	ANTHRACENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78348	ANTHRACENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78348	ANTHRACENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78348	ANTHRACENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78348	ANTHRACENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78348	ANTHRACENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78348	ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78348	ANTHRACENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78348	ANTHRACENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78348	ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78348	ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78348	ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78348	ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0014	No	78348	ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78348	ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78348	ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78348	ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78348	ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78348	ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78348	ANTHRACENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78348	ANTHRACENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78348	ANTHRACENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78348	ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78348	ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78348	ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78348	ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78348	ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78348	ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78348	ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78348	ANTHRACENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78348	ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78348	ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78348	ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78348	ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78348	ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78348	ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78348	ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78348	ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78348	ANTHRACENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78348	ANTHRACENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78348	ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78348	ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78348	ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78348	ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78348	ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78348	ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78348	ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78348	ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78348	ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78348	ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78348	ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78348	ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78348	ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78348	ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78348	ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78348	ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78348	ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78348	ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78348	ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78348	ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78348	ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0027	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78350	FLUORENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78350	FLUORENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78350	FLUORENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78350	FLUORENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78350	FLUORENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78350	FLUORENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78350	FLUORENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78350	FLUORENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78350	FLUORENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78350	FLUORENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78350	FLUORENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78350	FLUORENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78350	FLUORENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78350	FLUORENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78350	FLUORENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78350	FLUORENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78350	FLUORENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78350	FLUORENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78350	FLUORENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78350	FLUORENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78350	FLUORENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78350	FLUORENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78350	FLUORENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78350	FLUORENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78350	FLUORENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78350	FLUORENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78350	FLUORENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78350	FLUORENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78350	FLUORENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78350	FLUORENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78350	FLUORENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78350	FLUORENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78350	FLUORENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78350	FLUORENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78350	FLUORENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0067	No	78350	FLUORENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78350	FLUORENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78350	FLUORENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78350	FLUORENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78350	FLUORENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78350	FLUORENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78350	FLUORENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78350	FLUORENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78350	FLUORENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78350	FLUORENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78350	FLUORENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78350	FLUORENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78350	FLUORENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78350	FLUORENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78350	FLUORENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78350	FLUORENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78350	FLUORENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78350	FLUORENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78350	FLUORENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78350	FLUORENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78350	FLUORENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78350	FLUORENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78350	FLUORENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78350	FLUORENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78350	FLUORENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78350	FLUORENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78351	PHENANTHRENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78351	PHENANTHRENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78351	PHENANTHRENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78351	PHENANTHRENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78351	PHENANTHRENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78351	PHENANTHRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78351	PHENANTHRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78351	PHENANTHRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78351	PHENANTHRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78351	PHENANTHRENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78351	PHENANTHRENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78351	PHENANTHRENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78351	PHENANTHRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78351	PHENANTHRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78351	PHENANTHRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78351	PHENANTHRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78351	PHENANTHRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78351	PHENANTHRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78351	PHENANTHRENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78351	PHENANTHRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78351	PHENANTHRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78351	PHENANTHRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78351	PHENANTHRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78351	PHENANTHRENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0169	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78351	PHENANTHRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78351	PHENANTHRENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78351	PHENANTHRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78351	PHENANTHRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78351	PHENANTHRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0243	Yes	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78354	PYRENE SEDWETWTMG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78354	PYRENE SEDWETWTMG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78354	PYRENE SEDWETWTMG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78354	PYRENE SEDWETWTMG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78354	PYRENE SEDWETWTMG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78354	PYRENE SEDWETWTMG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78354	PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0008	No	78354	PYRENE SEDWETWTMG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78354	PYRENE SEDWETWTMG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78354	PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78354	PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78354	PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78354	PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78354	PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78354	PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78354	PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78354	PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78354	PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78354	PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78354	PYRENE SEDWETWTMG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78354	PYRENE SEDWETWTMG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78354	PYRENE SEDWETWTMG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78354	PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78354	PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78354	PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78354	PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78354	PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78354	PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78354	PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78354	PYRENE SEDWETWTMG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78354	PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78354	PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78354	PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78354	PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78354	PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78354	PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78354	PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78354	PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78354	PYRENE SEDWETWTMG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78354	PYRENE SEDWETWTMG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78354	PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78354	PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78354	PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78354	PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78354	PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78354	PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78354	PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78354	PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78354	PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78354	PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78354	PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78354	PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78354	PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78354	PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78354	PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78354	PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78354	PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78354	PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78354	PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78354	PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78354	PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0001	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0012	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0024	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0061	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0096	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0241	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0001	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	2	4	
KATM0002	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	0	2	
KATM0003	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	0	2	
KATM0004	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	0	2	
KATM0005	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	0	1	
KATM0006	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	0	1	
KATM0007	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0008	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	0	2	
KATM0009	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	2	3	
KATM0010	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0011	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0012	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0013	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0014	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0015	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0016	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	0	6	
KATM0017	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0018	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	0	1	
KATM0019	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	3	
KATM0021	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	3	4	
KATM0022	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	0	2	
KATM0023	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	0	2	
KATM0024	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0026	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0027	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0028	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0029	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0030	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0031	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	0	1	
KATM0032	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	0	2	
KATM0049	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0050	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0060	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0061	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0066	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0067	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0069	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0070	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0080	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	0	2	
KATM0081	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	0	2	
KATM0084	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	0	1	
KATM0092	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0096	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	0	1	
KATM0168	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	0	3	
KATM0179	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	0	6	
KATM0185	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	0	3	
KATM0219	No	80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	03/24/71-03/24/71	0	1	
KATM0219	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	03/24/71-03/24/71	0	1	
KATM0219	No	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	03/24/71-03/24/71	0	1	
KATM0219	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	03/24/71-03/24/71	0	1	
KATM0219	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	03/24/71-03/24/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0219	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/15/67-03/22/68	0	2	
KATM0248	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/27/70-09/25/72	2	11	T
KATM0219	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	06/15/67-03/22/68	0	2	
KATM0248	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/27/70-09/25/72	2	11	
KATM0208	Yes	80279	BOD, CARBONACEOUS,5 DAY, AND NH3-N,TOT,IN WTR,MG/L	08/10/91-08/10/91	0	1	
KATM0214	Yes	80279	BOD, CARBONACEOUS,5 DAY, AND NH3-N,TOT,IN WTR,MG/L	08/10/91-08/10/91	0	1	
KATM0226	Yes	80279	BOD, CARBONACEOUS,5 DAY, AND NH3-N,TOT,IN WTR,MG/L	08/10/91-08/10/91	0	1	
KATM0231	Yes	80279	BOD, CARBONACEOUS,5 DAY, AND NH3-N,TOT,IN WTR,MG/L	08/08/91-08/08/91	0	1	
KATM0235	Yes	80279	BOD, CARBONACEOUS,5 DAY, AND NH3-N,TOT,IN WTR,MG/L	08/10/91-08/10/91	0	1	
KATM0185	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/12/97-08/12/97	0	1	
KATM0186	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/12/97-08/12/97	0	1	
KATM0187	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/12/97-08/12/97	0	1	
KATM0188	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/96	1	4	
KATM0189	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/97	2	5	
KATM0190	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/97	2	5	
KATM0191	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/96	1	7	
KATM0192	Yes	81551	XYLENE WHL WATER SMPL UG/L	09/15/97-09/15/97	0	1	
KATM0193	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/96	1	4	
KATM0194	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/96	1	4	
KATM0195	Yes	81551	XYLENE WHL WATER SMPL UG/L	09/15/97-09/15/97	0	1	
KATM0196	Yes	81551	XYLENE WHL WATER SMPL UG/L	09/15/97-09/15/97	0	1	
KATM0197	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/96	1	4	
KATM0198	Yes	81551	XYLENE WHL WATER SMPL UG/L	09/15/97-09/15/97	0	1	
KATM0199	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/96	1	4	
KATM0202	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/12/97-08/12/97	0	1	
KATM0203	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/12/97-08/12/97	0	1	
KATM0204	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/12/97-08/12/97	0	1	
KATM0241	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/13/97-08/13/97	0	1	
KATM0242	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/13/97-08/13/97	0	1	
KATM0243	Yes	81551	XYLENE WHL WATER SMPL UG/L	08/13/97-08/13/97	0	1	
KATM0092	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/17/96-09/17/96	0	1	
KATM0093	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/17/96-09/17/96	0	1	
KATM0094	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/17/96-09/17/96	0	2	
KATM0168	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/16/96-09/16/96	0	1	
KATM0169	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/16/96-09/16/96	0	2	
KATM0170	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/16/96-09/16/96	0	1	
KATM0185	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/12/97-08/12/97	0	1	
KATM0186	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/12/97-08/12/97	0	1	
KATM0187	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/12/97-08/12/97	0	1	
KATM0202	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/12/97-08/12/97	0	1	
KATM0203	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/12/97-08/12/97	0	1	
KATM0204	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/12/97-08/12/97	0	1	
KATM0241	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/13/97-08/13/97	0	1	
KATM0242	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/13/97-08/13/97	0	1	
KATM0243	Yes	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/13/97-08/13/97	0	1	
KATM0244	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/17/96-09/17/96	0	2	
KATM0245	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/17/96-09/17/96	0	1	
KATM0246	No	81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/17/96-09/17/96	0	1	
KATM0034	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/90-08/24/90	0	1	
KATM0041	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/90-08/24/90	0	1	
KATM0042	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/05/90-08/05/90	0	1	
KATM0043	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/90-08/24/90	0	1	
KATM0047	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/92-08/06/92	0	1	
KATM0048	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/90-08/24/90	0	1	
KATM0052	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/25/91-07/25/91	0	1	
KATM0054	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/27/90-08/27/90	0	1	
KATM0058	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/92-08/06/92	0	1	
KATM0063	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/03/90-08/03/90	0	1	
KATM0065	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/28/90-08/28/90	0	1	
KATM0072	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/10/90-07/30/91	0	2	
KATM0075	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/31/91-07/31/91	0	1	
KATM0082	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/07/92-08/07/92	0	1	
KATM0101	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/07/92-08/07/92	0	1	
KATM0105	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/02/91-08/02/91	0	1	
KATM0107	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/05/90-08/05/90	0	1	
KATM0139	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/31/90-08/31/90	0	1	
KATM0141	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/02/91-08/02/91	0	1	
KATM0145	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/31/90-08/31/90	0	1	
KATM0153	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/03/90-08/03/90	0	1	
KATM0164	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/31/91-08/05/92	1	2	
KATM0165	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/05/92-08/05/92	0	1	
KATM0166	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/04/90-07/28/92	1	3	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0172	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/90-07/27/92	1	3	
KATM0180	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/28/90-08/28/90	0	1	
KATM0182	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/03/90-09/03/90	0	1	
KATM0208	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/03/90-08/25/92	1	2	
KATM0210	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/03/90-09/03/90	0	1	
KATM0211	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/92-08/08/92	0	1	
KATM0212	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/04/91-08/04/91	0	1	
KATM0214	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/04/90-08/25/92	1	2	
KATM0216	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/09/90-08/04/92	1	3	
KATM0218	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/09/90-08/09/90	0	1	
KATM0221	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/29/90-08/29/90	0	1	
KATM0226	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/26/92-08/26/92	0	1	
KATM0228	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/02/90-08/02/90	0	1	
KATM0231	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/04/90-08/26/92	1	2	
KATM0235	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/29/90-08/24/92	1	2	
KATM0239	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/92-08/24/92	0	1	
KATM0123	Yes	82081	CARBON-13 / CARBON-12 STABLE ISOTOPE RATIO PER MIL	08/23/89-08/23/89	0	1	
KATM0126	Yes	82081	CARBON-13 / CARBON-12 STABLE ISOTOPE RATIO PER MIL	08/23/89-08/23/89	0	1	
KATM0128	Yes	82081	CARBON-13 / CARBON-12 STABLE ISOTOPE RATIO PER MIL	08/23/89-08/23/89	0	1	
KATM0086	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/26/89-08/26/89	0	1	
KATM0088	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/26/89-08/26/89	0	1	
KATM0089	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/26/82-07/26/82	0	1	
KATM0091	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/26/89-08/26/89	0	1	
KATM0098	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/03/82-08/03/82	0	1	
KATM0100	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/03/82-08/03/82	0	1	
KATM0102	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/09/84-08/09/84	0	1	
KATM0104	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/31/89-08/31/89	0	1	
KATM0109	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/31/89-08/31/89	0	1	
KATM0110	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/25/89-08/25/89	0	1	
KATM0118	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/06/90-06/06/90	0	1	
KATM0123	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/23/89-03/15/91	1	3	
KATM0124	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/04/90-03/15/91	0	2	
KATM0126	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/24/87-08/23/89	2	3	
KATM0130	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/24/87-07/24/87	0	1	
KATM0135	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/08/90-06/08/90	0	1	
KATM0136	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/08/90-06/08/90	0	1	
KATM0138	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/02/90-06/02/90	0	1	
KATM0140	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/28/89-08/28/89	0	1	
KATM0142	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/13/82-08/28/89	7	2	
KATM0147	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/05/90-06/05/90	0	1	
KATM0151	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/03/90-06/03/90	0	1	
KATM0156	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/19/82-08/19/89	7	2	
KATM0159	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/03/90-06/03/90	0	1	
KATM0161	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/20/89-08/20/89	0	1	
KATM0086	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/26/89-08/26/89	0	1	
KATM0088	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/26/89-08/26/89	0	1	
KATM0089	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/26/82-07/26/82	0	1	
KATM0091	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/26/89-08/26/89	0	1	
KATM0098	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/03/82-08/03/82	0	1	
KATM0100	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/03/82-08/03/82	0	1	
KATM0102	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/09/84-08/09/84	0	1	
KATM0103	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/03/82-08/03/82	0	1	
KATM0104	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/31/89-08/31/89	0	1	
KATM0109	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/31/89-08/31/89	0	1	
KATM0110	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/25/89-08/25/89	0	1	
KATM0118	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/06/90-06/06/90	0	1	
KATM0123	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/23/89-03/15/91	1	3	
KATM0124	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/04/90-03/15/91	0	2	
KATM0126	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/24/87-08/23/89	2	3	
KATM0130	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/24/87-07/24/87	0	1	
KATM0135	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/08/90-06/08/90	0	1	
KATM0136	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/08/90-06/08/90	0	1	
KATM0138	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/02/90-06/02/90	0	1	
KATM0140	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/28/89-08/28/89	0	1	
KATM0142	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/13/82-08/28/89	7	2	
KATM0147	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/05/90-06/05/90	0	1	
KATM0151	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/03/90-06/03/90	0	1	
KATM0156	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/19/82-08/19/89	7	2	
KATM0159	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/03/90-06/03/90	0	1	
KATM0161	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/20/89-08/20/89	0	1	
KATM0099	Yes	82364	THORIUM, TOTAL IN WATER UG/L	08/15/91-08/15/91	0	1	
KATM0106	Yes	82364	THORIUM, TOTAL IN WATER UG/L	08/15/91-08/15/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 09/08/53 To 09/15/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
KATM0117	Yes	82364	THORIUM, TOTAL IN WATER UG/L	08/15/91-08/15/91	0	1	
KATM0125	Yes	82364	THORIUM, TOTAL IN WATER UG/L	08/15/91-08/15/91	0	1	
KATM0157	Yes	82364	THORIUM, TOTAL IN WATER UG/L	08/15/91-08/15/91	0	1	
KATM0092	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/17/96-09/17/96	0	3	
KATM0093	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/17/96-09/17/96	0	3	
KATM0094	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/17/96-09/17/96	0	3	
KATM0168	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/16/96-09/16/96	0	3	
KATM0169	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/16/96-09/16/96	0	4	
KATM0170	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/16/96-09/16/96	0	3	
KATM0185	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/12/97-08/12/97	0	3	
KATM0186	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/12/97-08/12/97	0	3	
KATM0187	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/12/97-08/12/97	0	3	
KATM0202	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/12/97-08/12/97	0	3	
KATM0203	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/12/97-08/12/97	0	3	
KATM0204	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/12/97-08/12/97	0	3	
KATM0241	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/13/97-08/13/97	0	3	
KATM0242	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/13/97-08/13/97	0	3	
KATM0243	Yes	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/13/97-08/13/97	0	3	
KATM0244	No	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/17/96-09/17/96	0	4	
KATM0245	No	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/17/96-09/17/96	0	3	
KATM0246	No	85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/17/96-09/17/96	0	3	
KATM0092	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	0	1	
KATM0093	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	0	1	
KATM0094	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	0	2	
KATM0168	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	0	1	
KATM0169	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	0	2	
KATM0170	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	0	1	
KATM0185	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/12/97-08/12/97	0	1	
KATM0186	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/12/97-08/12/97	0	1	
KATM0187	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/12/97-08/12/97	0	1	
KATM0202	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/12/97-08/12/97	0	1	
KATM0203	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/12/97-08/12/97	0	1	
KATM0204	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/12/97-08/12/97	0	1	
KATM0241	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/13/97-08/13/97	0	1	
KATM0242	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/13/97-08/13/97	0	1	
KATM0243	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/13/97-08/13/97	0	1	
KATM0244	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	0	2	
KATM0245	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	0	1	
KATM0246	No	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	0	1	

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

Station-By-Station Results

Station Inventory for Station: KATM0001

NPS Station ID: KATM0001 LAT/LON: 58.873892/-153.288892 Agency: 11NPSWRD Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE FIPS State/County: 02122 ALASKA/KENAI PENINSULA (B)
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS STORET Station ID(s): KATM_EV_43
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 19020602 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS ECO Region:
RF1 Index: 19020602 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE AFOGNAK (D-4) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	205008.15	201120.65	367500.	26966.33	6124873500.497	190065.445	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	269883.75	260657.4	458513.	44349.15	0036127381.673	223687.566	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	85395.75	81054.625	140388.	13039.	4696084048.563	68527.98	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	344.05	311.12	556.38	0.	74433.057	272.824	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	58676.5	60421.985	116419.	7915.94	33580234	10.241	57948.455	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	127872.45	130105.3	236975.	27701.31	2197600	081.58	110442.746	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	44093.1	44260.75	67953.4	20903.4	509048245.53		22562.098	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	36191.2	35294.37	61446.6	7348.48	852387219.594		29195.671	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	116400.35	111881.55	164769.	49956.53	2900592	54.377	57359.038	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	103747.	98406.075	141042.	45088.32	3323773	97.089	48294.697	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	78308.25	75252.475	121606.	22787.42	8668381	33.169	53542.863	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	4057.52	4409.4	9336.86	185.7	23816450.509		4880.21	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	21436.025	23437.083	46573.4	4302.88	452922029.79		21281.965	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	29499.905	29955.185	55812.9	5008.03	755212170.412		27481.124	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	37979.9	38545.52	71243.7	6978.58	1218364508.775		34905.079	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	6567.095	6255.433	10389.9	1497.64	21770612.315		4665.899	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	16930.6	16311.65	29183.	2202.4	201765421.637		14204.416	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	48295.55	47007.175	77157.	14280.61	0865170	83.883	32962.359	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	3056.905	3316.263	7014.85	136.39	11419318.81		3379.248	**	**	**	**

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

Parameter Inventory for Station: KATM0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/30/92-08/06/94	4	55035.45	53121.475	93564.4	8850.62	1805657	55.943	46696.528	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	## 479.95	519.35	1117.5	0.	363772	.19	603.135	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	687560.5	673189.5	1213000.	104637.	360500725463.		600417.126	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	283721.5	282489.75	505656.	56860.	59459436750.917		243843.058	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	218346.5	217504.	385849.	47474.	34649011312.667		186142.449	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-07/30/92	2	139033.5	139033.5	179220.	98847.	3229909564.5		56832.293	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	1060263.	1072501.75	2039520.	129961.		1.03610443107E12	1017892.15	1 **	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	355573.5	355846.75	651500.	60740.1	01950742054.25		319297.263	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	319398.5	324569.	600020.	59459.8	3695054584.667		289300.976	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	807800.5	847508.5	1670250.	104183.6	51511311960.333		807162.507	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-07/30/92	2	131835.	131835.	166985.	96685.	2471045000.		49709.607	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	119007.	272938.35	844372.	9367.4	148359570396.623		385174.727	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	1039736.	1014071.	1855750.	121062.9	33275250094.667		966061.722	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	1141899.5	1121774.5	2067210.	136089.		1.13483132587E12	1065284.62	2 **	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	193784.	197412.25	364017.	38064.3	0344133006.25		174195.674	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	771035.	745226.5	1316390.	122446.4	32573132235.667		657702.921	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	## 0.	0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	1110291.	1098800.75	2022160.	152461.		1.06467464712E12	1031830.726	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	766642.	758728.25	1398650.	102979.5	25144377494.917		724668.46	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	## 0.	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	## 0.	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	1433.42	1603.095	3449.63	95.91	2752828.586		1659.165	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	23424.555	23064.415	40095.5	5313.05	363694855.675		19070.785	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	65048.65	62883.55	101994.	19442.9	1985862784.563		44563.02	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	225561.5	221955.85	370731.	65969.4	25903192528.49		160944.688	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	271766.5	265720.575	439540.	79809.3	36474073087.389		190981.866	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/30/92-08/06/94	4	183723.95	182109.2	321162.	39826.9	22987856119.353		151617.466	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/30/92-08/06/94	4	2.349	2.801	6.507	0.	9.705		3.115	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	07/30/92-08/06/94	4	## 0.622	0.673	1.449	0.	0.611		0.782	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	07/30/92-08/06/94	4	1.349	1.284	1.581	0.855	0.095		0.308	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	07/30/92-08/06/94	4	## 0.128	0.208	0.578	0.	0.075		0.274	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/30/92-08/06/94	4	1.882	1.966	3.824	0.276	3.383		1.839	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/30/92-08/06/94	4	0.869	0.8	1.459	0.	0.522		0.723	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/30/92-08/06/94	4	3.363	3.237	5.24	0.983	5.37		2.317	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/30/92-08/06/94	4	## 0.	0.	0.	0.	0.		0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	07/30/92-08/06/94	4	24.467	24.371	42.618	5.932	396.25		19.906	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	07/30/92-08/06/94	4	## 0.	0.	0.	0.	0.		0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	07/30/92-08/06/94	4	3.541	3.576	6.353	0.87	8.062		2.839	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/30/92-08/06/94	4	0.702	0.972	2.251	0.234	0.887		0.942	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	07/30/92-08/06/94	4	9.9	10.005	18.805	1.416	86.608		9.306	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	07/30/92-08/06/94	4	57.033	55.769	100.562	8.449	2616.41		51.151	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/30/92-08/06/94	4	## 0.365	0.381	0.792	0.	0.194		0.44	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/30/92-08/06/94	4	## 0.	0.109	0.436	0.	0.048		0.218	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	07/30/92-08/06/94	4	5.29	5.295	9.354	1.244	18.732		4.328	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	4	896093.	882250.	1613810.	123004.6	51487970664.		807148.048	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	4	1096593.5	1139356.25	2225130.	139108.		1.16917429499E12	1081283.633	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	4	563885.5	595491.75	1183130.	71066.3	25997164288.25		570961.614	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	4	3407.2	4188.5	9341.6	598.	15842759.64		3980.296	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	4	36667.75	40209.55	81026.7	6476.	1215370166.777		34862.16	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	4	737769.	730744.75	1338970.	108471.4	40239398258.25		663505.387	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/30/92-08/06/94	4	192576.	214743.	452383.	21437.4	5704204050.667		213785.416	**	**	**	**

** - Less than 9 observations ## - 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: KATM0002

NPS Station ID: KATM0002 | LAT/LON: 58.596699/-153.553115 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_42
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE AFOGNAK (C-5) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	126617.	126617.	175846.	77388.	4846988882.	69620.319	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	316032.	316032.	446044.	186020.	33806240288.	183864.734	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	164409.2	164409.2	231079.	97739.4	8889724464.08	94285.335	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	## 0.	0.	0.	0.	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	34849.95	34849.95	46684.4	23015.5	280108413.605	16736.44	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	105951.15	105951.15	147507.	64395.3	3453777338.445	58768.847	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	71126.4	71126.4	95812.	46440.8	1218757694.72	34910.71	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	31799.8	31799.8	45739.7	17859.9	388641624.02	19713.996	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	156284.4	156284.4	218329.	94239.8	7699064778.32	87744.315	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	146968.3	146968.3	208109.	85827.6	7476370392.98	86466.007	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	80373.15	80373.15	115511.	45235.3	2469337005.245	49692.424	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	499.02	499.02	541.84	456.2	3667.105	60.557	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	10943.615	10943.615	13314.1	8573.13	11238398.27	3352.372	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	15314.55	15314.55	20219.1	10410.	48109221.405	6936.081	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	15643.8	15643.8	18166.4	13121.2	12727021.52	3567.495	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	5722.345	5722.345	6989.75	4454.94	3212630.868	1792.381	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	34337.5	34337.5	47599.	21076.	351734764.5	18754.593	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	52482.85	52482.85	76798.9	28166.8	1182540575.205	34388.088	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	8398.47	8398.47	10663.1	6133.84	10257098.074	3202.67	**	**	**	**

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

Parameter Inventory for Station: KATM0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/31/92-07/31/92	2	56243.6	56243.6	79968.7	32518.5	1125760740.02	33552.358	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2 ##	720.	720.	1440.	0.	1036800.	1018.234	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	528332.5	528332.5	772683.	283982.1	19414333700.5	345563.791	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	208789.	208789.	289959.	127619.1	3177137800.	114791.715	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	176445.	176445.	256825.	96065.1	2921888800.	113674.486	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	444047.	444047.	632940.	255154.7	1361130898.	267135.042	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	678434.	678434.	989515.	367353.1	93542777122.	439934.969	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	272173.	272173.	399581.	144765.3	2465596928.	180182.122	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	204338.	204338.	270547.	138129.	8767263362.	93633.666	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	575519.	575519.	829255.	321783.1	28763915392.	358836.892	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	406590.	406590.	579193.	233987.5	9583591218.	244097.504	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	362765.	362765.	509261.	216269.4	2922156032.	207176.63	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	629926.5	629926.5	926826.	333027.1	76298626200.5	419879.3	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	708597.5	708597.5	1046680.	370515.2	28599553612.5	478120.857	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	160296.5	160296.5	233847.	86746.1	0819352100.5	104016.115	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	608018.5	608018.5	897452.	318585.1	67543501844.5	409320.781	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	733591.	733591.	1061680.	405502.2	15284783842.	463987.913	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	408402.5	408402.5	595553.	221252.7	0050619300.5	264670.775	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	1997.395	1997.395	2415.96	1578.83	350393.318	591.94	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	12378.06	12378.06	14941.7	9814.42	13144500.099	3625.534	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	56091.85	56091.85	75338.8	36844.9	740890168.605	27219.298	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	206473.5	206473.5	288380.	124567.1	3417349484.5	115833.283	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	247103.	247103.	342901.	151305.1	8354513608.	135478.831	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/31/92-07/31/92	2	133555.95	133555.95	188012.	79099.9	5930922763.205	77012.484	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/31/92-07/31/92	2	6.644	6.644	7.467	5.821	1.355	1.164	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	07/31/92-07/31/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	07/31/92-07/31/92	2	2.894	2.894	4.153	1.635	3.17	1.78	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	07/31/92-07/31/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/31/92-07/31/92	2	1.746	1.746	2.84	0.651	2.396	1.548	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/31/92-07/31/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/31/92-07/31/92	2	3.629	3.629	5.109	2.149	4.381	2.093	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/31/92-07/31/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	07/31/92-07/31/92	2	20.198	20.198	29.843	10.552	186.071	13.641	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	07/31/92-07/31/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	07/31/92-07/31/92	2	3.927	3.927	6.125	1.728	9.667	3.109	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/31/92-07/31/92	2 ##	0.099	0.099	0.198	0.	0.02	0.14	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	07/31/92-07/31/92	2	7.247	7.247	10.094	4.4	16.211	4.026	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	07/31/92-07/31/92	2	18.949	18.949	22.334	15.563	22.923	4.788	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/31/92-07/31/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/31/92-07/31/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	07/31/92-07/31/92	2	3.987	3.987	5.583	2.391	5.094	2.257	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	2	663089.5	663089.5	977243.	348936.1	97384843124.5	444280.14	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	2	716239.	716239.	1028320.	404158.1	94789101122.	441349.183	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	2	462377.5	462377.5	656005.	268750.7	4983217512.5	273830.637	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	2	20528.5	20528.5	28293.	12764.	120574920.5	10980.661	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	2	112991.5	112991.5	161071.	64912.	4623276640.5	67994.681	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	2	525521.	525521.	761375.	289667.1	11254218632.	333547.926	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/31/92-07/31/92	2	224755.	224755.	323467.	126043.1	9488117888.	139599.849	**	**	**	**

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

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

Station Inventory for Station: KATM0003

NPS Station ID: KATM0003 | LAT/LON: 58.585615/-153.554199 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_41
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE AFOGNAK (C-5) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	305268.	305268.	331242.	279294.	1349297352.	36732.783	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	371919.5	371919.5	418079.	325760.	4261398880.5	65279.391	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	156365.	156365.	164274.	148456.	125104562.	11185.015	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	452.305	452.305	455.37	449.24	18.788	4.335	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	70917.55	70917.55	76509.5	65325.6	62539809.605	7908.212	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	159633.	159633.	165683.	153583.	73205000.	8555.992	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	64470.95	64470.95	69246.2	59695.7	45606025.125	6753.223	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	31561.25	31561.25	32654.4	30468.1	2389953.845	1545.948	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	147992.5	147992.5	166240.	129745.	665942512.5	25805.862	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	121715.5	121715.5	134358.	109073.	319665612.5	17879.195	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	95726.2	95726.2	118304.	73148.4	1019514105.68	31929.831	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	7202.92	7202.92	8371.85	6033.99	2732794.69	1653.117	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	32056.65	32056.65	33585.2	30528.1	4672930.205	2161.696	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	31704.85	31704.85	35671.9	27737.8	31474971.405	5610.256	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	49722.1	49722.1	53588.3	45855.9	29895004.88	5467.632	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	6713.285	6713.285	6795.8	6630.77	13617.45	116.694	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	34931.75	34931.75	36893.1	32970.4	7693787.645	2773.768	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	69444.75	69444.75	78313.2	60576.3	157298810.805	12541.882	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	7850.33	7850.33	9260.28	6440.38	3975918.005	1993.97	**	**	**	**

** - Less than 9 observations ## - 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: KATM0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/08/94-08/08/94	2	71244.65	71244.65	79251.5	63237.8	128219293.845	11323.396	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	1713.4	1713.4	1735.5	1691.3	976.82	31.254	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	651533.5	651533.5	884016.	419051.1	08096225612.5	328779.905	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	371460.5	371460.5	399155.	343766.	1533970660.5	39165.938	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	314083.	314083.	336663.	291503.	1019712800.	31932.942	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	676392.	676392.	900761.	452023.1	00682896322.	317305.683	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	1166306.	1166306.	1349830.	982782.6	7362117152.	259542.13	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	437530.5	437530.5	469036.	406025.	1985193060.5	44555.505	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	417275.	417275.	446222.	388328.	1675857618.	40937.24	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	1006004.	1006004.	1090940.	921068.1	4428248192.	120117.643	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	650299.5	650299.5	870621.	429978.9	7083126724.5	311581.653	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	179492.1	179492.1	343246.	15738.25	3630679530.42	231582.986	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	1139213.5	1139213.5	1337470.	940957.7	8611279584.5	280377.031	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	1234645.	1234645.	1432610.	1036680.7	8380282450.	279964.788	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	265152.	265152.	274246.	256058.	165401672.	12860.858	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	701730.5	701730.5	943258.	460203.1	16671066512.5	341571.466	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	1496790.	1496790.	1582550.	1411030.1	4709555200.	121282.955	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	915625.5	915625.5	1009250.	822001.1	7531094000.5	132405.038	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	3514.285	3514.285	3897.96	3130.61	294413.011	542.598	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	30383.35	30383.35	32574.6	28192.1	9603153.125	3098.895	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	90661.55	90661.55	93030.4	88292.7	11222900.645	3350.06	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	288394.	288394.	290123.	286665.	5978882.	2445.175	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	345927.	345927.	346056.	345798.	33282.	182.434	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/08/94-08/08/94	2	247387.	247387.	249933.	244841.	12964232.	3600.588	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/08/94-08/08/94	2	7.182	7.182	8.518	5.846	3.57	1.889	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/08/94-08/08/94	2	1.253	1.253	1.465	1.041	0.09	0.3	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/08/94-08/08/94	2	1.139	1.139	1.272	1.006	0.035	0.188	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/08/94-08/08/94	2 ##	0.07	0.07	0.14	0.	0.01	0.099	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/08/94-08/08/94	2	1.305	1.305	1.619	0.99	0.198	0.445	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/08/94-08/08/94	2	0.913	0.913	0.959	0.867	0.004	0.065	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/08/94-08/08/94	2	3.336	3.336	3.397	3.274	0.008	0.087	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/08/94-08/08/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/08/94-08/08/94	2	27.705	27.705	28.06	27.349	0.253	0.503	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/08/94-08/08/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/08/94-08/08/94	2	4.803	4.803	5.785	3.82	1.931	1.389	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/08/94-08/08/94	2	1.657	1.657	1.766	1.548	0.024	0.154	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/08/94-08/08/94	2	10.034	10.034	10.219	9.848	0.069	0.262	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/08/94-08/08/94	2	57.897	57.897	59.959	55.835	8.504	2.916	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/08/94-08/08/94	2	0.63	0.63	0.743	0.517	0.026	0.16	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/08/94-08/08/94	2 ##	0.198	0.198	0.396	0.	0.078	0.28	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/08/94-08/08/94	2	6.684	6.684	7.067	6.3	0.294	0.542	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	2	927421.5	927421.5	1100630.	754213.6	0002368944.5	244953.81	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	2	1281130.	1281130.	1401300.	1160960.2	8881657800.	169946.044	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	2	825132.5	825132.5	881611.	768654.	6379641924.5	79872.661	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	2	20095.8	20095.8	21664.8	18526.8	4923522.	2218.901	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	2	115837.	115837.	129604.	102070.	379060578.	19469.478	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	2	713808.5	713808.5	958752.	468865.1	19994636384.5	346402.42	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/08/94-08/08/94	2	415113.5	415113.5	423008.	407219.	124646260.5	11164.509	**	**	**	**

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

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

Station Inventory for Station: KATM0004

NPS Station ID: KATM0004 LAT/LON: 58.514280/-153.908700 Agency: 11NPSWRD Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS STORET Station ID(s): KATM_EV_40
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 19020702 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS ECO Region:
RF1 Index: 19020702 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE AFOGNAK (C-6) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	3.965	3.965	4.93	3.	1.862	1.365	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	4.46	4.46	5.14	3.78	0.925	0.962	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	3.55	3.55	3.99	3.11	0.387	0.622	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	3.86	3.86	4.75	2.97	1.584	1.259	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	1.815	1.815	2.33	1.3	0.53	0.728	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	6.815	6.815	9.35	4.28	12.852	3.585	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	6.79	6.79	9.62	3.96	16.018	4.002	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	0.66	0.66	0.85	0.47	0.072	0.269	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	3.385	3.385	4.21	2.56	1.361	1.167	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	4.865	4.865	6.44	3.29	4.961	2.227	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	2.315	2.315	3.21	1.42	1.602	1.266	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	1.95	1.95	2.01	1.89	0.007	0.085	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	1.66	1.66	1.69	1.63	0.002	0.042	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	0.585	0.585	0.6	0.57	0.	0.021	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	2.32	2.32	2.59	2.05	0.146	0.382	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	1.725	1.725	2.29	1.16	0.638	0.799	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	2.12	2.12	2.24	2.	0.029	0.17	**	**	**	**

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

Parameter Inventory for Station: KATM0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/28/89-09/28/89	2	1.41	1.41	1.67	1.15	0.135	0.368	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	17.385	17.385	23.	11.77	63.056	7.941	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	22.615	22.615	23.9	21.33	3.302	1.817	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	8.32	8.32	10.77	5.87	12.005	3.465	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2 ##	4.57	4.57	9.14	0.	41.77	6.463	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	44.885	44.885	58.33	31.44	361.536	19.014	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	13.5	13.5	15.	12.	4.5	2.121	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	16.47	16.47	18.68	14.26	9.768	3.125	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	45.285	45.285	47.9	42.67	13.676	3.698	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	22.055	22.055	25.09	19.02	18.422	4.292	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	19.485	19.485	23.14	15.83	26.718	5.169	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	122.09	122.09	154.57	89.61	2109.901	45.934	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	19.55	19.55	21.2	17.9	5.445	2.333	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	14.3	14.3	15.5	13.1	2.88	1.697	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	1.785	1.785	2.69	0.88	1.638	1.28	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	12.1	12.1	12.6	11.6	0.5	0.707	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	29.215	29.215	43.53	14.9	409.838	20.244	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	21.95	21.95	22.5	21.4	0.605	0.778	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	11.8	11.8	12.2	11.4	0.32	0.566	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	15.065	15.065	17.41	12.72	10.998	3.316	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	38.81	38.81	50.31	27.31	264.5	16.263	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	2.125	2.125	2.96	1.29	1.394	1.181	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	1.66	1.66	1.82	1.5	0.051	0.226	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	4.875	4.875	6.04	3.71	2.714	1.648	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	7.255	7.255	8.91	5.6	5.478	2.341	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/28/89-09/28/89	2	7.11	7.11	8.95	5.27	6.771	2.602	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.007	0.007	0.008	0.005	0.	0.002	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.	0.	0.001	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.001	0.001	0.001	0.	0.	0.001	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/28/89-09/28/89	2	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/28/89-09/28/89	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.004	0.004	0.004	0.003	0.	0.001	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/28/89-09/28/89	2	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	2	18.15	18.15	19.9	16.4	6.125	2.475	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	2	24.1	24.1	27.7	20.5	25.92	5.091	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	2	21.115	21.115	25.95	16.28	46.754	6.838	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	2	13.76	13.76	16.54	10.98	15.457	3.932	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	2	10.935	10.935	12.36	9.51	4.061	2.015	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	2	16.645	16.645	18.47	14.82	6.661	2.581	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/28/89-09/28/89	2	21.565	21.565	22.05	21.08	0.47	0.686	**	**	**	**

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

Station Inventory for Station: KATM0005

NPS Station ID: KATM0005 | LAT/LON: 58.391670/-153.980800 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_26
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
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Parameter Inventory for Station: KATM0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	1426.86	1426.86	1426.86	1426.86	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	1705.25	1705.25	1705.25	1705.25	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	419.68	419.68	419.68	419.68	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	486.48	486.48	486.48	486.48	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	406.3	406.3	406.3	406.3	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	226.75	226.75	226.75	226.75	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	1279.56	1279.56	1279.56	1279.56	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	1509.05	1509.05	1509.05	1509.05	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	858.21	858.21	858.21	858.21	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	24.63	24.63	24.63	24.63	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	124.73	124.73	124.73	124.73	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	67.69	67.69	67.69	67.69	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	19.12	19.12	19.12	19.12	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	568.69	568.69	568.69	568.69	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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Parameter Inventory for Station: KATM0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	06/18/93-06/18/93	1	326.03	326.03	326.03	326.03	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	4386.18	4386.18	4386.18	4386.18	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	562.18	562.18	562.18	562.18	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	3231.97	3231.97	3231.97	3231.97	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	3416.04	3416.04	3416.04	3416.04	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	5135.32	5135.32	5135.32	5135.32	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	92.99	92.99	92.99	92.99	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	4167.7	4167.7	4167.7	4167.7	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	2554.42	2554.42	2554.42	2554.42	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	786.47	786.47	786.47	786.47	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	4949.26	4949.26	4949.26	4949.26	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	5683.46	5683.46	5683.46	5683.46	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	498.69	498.69	498.69	498.69	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	5211.5	5211.5	5211.5	5211.5	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	167.87	167.87	167.87	167.87	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	9107.69	9107.69	9107.69	9107.69	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	4362.33	4362.33	4362.33	4362.33	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	151.34	151.34	151.34	151.34	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	171.76	171.76	171.76	171.76	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	2737.87	2737.87	2737.87	2737.87	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	3478.18	3478.18	3478.18	3478.18	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/18/93-06/18/93	1	1636.36	1636.36	1636.36	1636.36	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	06/18/93-06/18/93	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	1	4965.92	4965.92	4965.92	4965.92	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	1	6676.97	6676.97	6676.97	6676.97	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	1	4442.19	4442.19	4442.19	4442.19	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	1	153.92	153.92	153.92	153.92	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	1	4191.41	4191.41	4191.41	4191.41	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/18/93-06/18/93	1	1045.92	1045.92	1045.92	1045.92	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0006

NPS Station ID: KATM0006 LAT/LON: 58.391698/-153.980809 Agency: 11NPSWRD Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS STORET Station ID(s): KATM_EV_25
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 19020702 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS ECO Region:
RF1 Index: 19020702 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	874.36	874.36	874.36	874.36	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	2057.06	2057.06	2057.06	2057.06	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	786.66	786.66	786.66	786.66	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	391.3	391.3	391.3	391.3	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	968.56	968.56	968.56	968.56	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	633.1	633.1	633.1	633.1	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	264.19	264.19	264.19	264.19	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	1083.46	1083.46	1083.46	1083.46	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	1232.77	1232.77	1232.77	1232.77	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	344.88	344.88	344.88	344.88	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	68.03	68.03	68.03	68.03	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	191.74	191.74	191.74	191.74	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	453.28	453.28	453.28	453.28	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	421.32	421.32	421.32	421.32	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	100.59	100.59	100.59	100.59	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	155.24	155.24	155.24	155.24	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	573.13	573.13	573.13	573.13	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	70.55	70.55	70.55	70.55	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/06/92-08/06/92	1	398.94	398.94	398.94	398.94	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	23.16	23.16	23.16	23.16	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	3342.91	3342.91	3342.91	3342.91	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	1652.08	1652.08	1652.08	1652.08	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	1995.5	1995.5	1995.5	1995.5	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	3273.31	3273.31	3273.31	3273.31	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	4490.33	4490.33	4490.33	4490.33	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	2959.19	2959.19	2959.19	2959.19	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	2325.36	2325.36	2325.36	2325.36	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	3878.27	3878.27	3878.27	3878.27	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	3548.84	3548.84	3548.84	3548.84	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	2644.92	2644.92	2644.92	2644.92	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	4145.5	4145.5	4145.5	4145.5	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	4493.99	4493.99	4493.99	4493.99	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	1594.37	1594.37	1594.37	1594.37	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	3735.69	3735.69	3735.69	3735.69	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	23.68	23.68	23.68	23.68	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	6808.71	6808.71	6808.71	6808.71	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	3882.26	3882.26	3882.26	3882.26	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	39.6	39.6	39.6	39.6	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	220.05	220.05	220.05	220.05	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	1189.18	1189.18	1189.18	1189.18	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	3421.41	3421.41	3421.41	3421.41	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	2786.26	2786.26	2786.26	2786.26	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/06/92-08/06/92	1	2274.81	2274.81	2274.81	2274.81	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/06/92-08/06/92	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/06/92-08/06/92	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/06/92-08/06/92	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/06/92-08/06/92	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/06/92-08/06/92	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/06/92-08/06/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/06/92-08/06/92	1	0.053	0.053	0.053	0.053	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/06/92-08/06/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/06/92-08/06/92	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/06/92-08/06/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/06/92-08/06/92	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/06/92-08/06/92	1	0.022	0.022	0.022	0.022	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/06/92-08/06/92	1	0.089	0.089	0.089	0.089	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/06/92-08/06/92	1	0.466	0.466	0.466	0.466	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/06/92-08/06/92	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/06/92-08/06/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/06/92-08/06/92	1	0.086	0.086	0.086	0.086	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	1	3420.92	3420.92	3420.92	3420.92	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	1	4611.03	4611.03	4611.03	4611.03	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	1	2899.12	2899.12	2899.12	2899.12	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	1	139.31	139.31	139.31	139.31	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	1	724.37	724.37	724.37	724.37	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	1	3739.5	3739.5	3739.5	3739.5	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/06/92-08/06/92	1	1620.98	1620.98	1620.98	1620.98	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0007

NPS Station ID: KATM0007 | LAT/LON: 58.436392/-153.981116 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_28
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	10.7	10.7	10.7	10.7	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	1.35	1.35	1.35	1.35	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	1.84	1.84	1.84	1.84	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	3.92	3.92	3.92	3.92	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	5.41	5.41	5.41	5.41	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/16/89-08/16/89	1	3.71	3.71	3.71	3.71	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	59.94	59.94	59.94	59.94	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	18.67	18.67	18.67	18.67	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	22.22	22.22	22.22	22.22	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	124.02	124.02	124.02	124.02	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	15.3	15.3	15.3	15.3	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	36.94	36.94	36.94	36.94	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	178.8	178.8	178.8	178.8	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	25.07	25.07	25.07	25.07	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	39.83	39.83	39.83	39.83	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	292.91	292.91	292.91	292.91	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	36.	36.	36.	36.	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	37.	37.	37.	37.	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	21.39	21.39	21.39	21.39	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	18.9	18.9	18.9	18.9	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	58.67	58.67	58.67	58.67	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	45.6	45.6	45.6	45.6	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	42.02	42.02	42.02	42.02	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	78.15	78.15	78.15	78.15	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	4.64	4.64	4.64	4.64	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	88.93	88.93	88.93	88.93	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	40.2	40.2	40.2	40.2	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	31.32	31.32	31.32	31.32	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	16.71	16.71	16.71	16.71	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	15.36	15.36	15.36	15.36	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	31.67	31.67	31.67	31.67	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	33.94	33.94	33.94	33.94	0.	0.	**	**	**	**

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

Station Inventory for Station: KATM0008

NPS Station ID: KATM0008 | LAT/LON: 58.454530/-153.997860 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_34
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	209361.5	209361.5	217103.	201620.	119861644.5	10948.134	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	264938.5	264938.5	293773.	236104.	1662856780.5	40778.141	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	103421.6	103421.6	110200.	96643.2	91893413.12	9586.105	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	## 135.8	135.8	271.6	0.	36883.28	192.05	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	58487.05	58487.05	62458.6	54515.5	31546418.805	5616.62	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	130947.5	130947.5	146166.	115729.	463205484.5	21522.209	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	58580.8	58580.8	63296.4	53865.2	44473766.72	6668.865	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	21236.1	21236.1	23120.1	19352.1	7098912.	2664.378	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	128404.5	128404.5	129610.	127199.	2906460.5	1704.834	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	106129.5	106129.5	107627.	104632.	4485012.5	2117.785	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	70717.	70717.	80671.7	60762.3	198192104.18	14078.072	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	5298.26	5298.26	5919.87	4676.65	772797.984	879.089	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	21985.95	21985.95	24450.	19521.9	12143084.805	3484.693	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	20912.4	20912.4	22056.1	19768.7	2616099.38	1617.436	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	32657.95	32657.95	37618.8	27697.1	49220065.445	7015.701	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	4536.91	4536.91	4869.	4204.82	220567.536	469.646	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	22737.85	22737.85	25138.4	20337.3	11525280.605	3394.89	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	58416.15	58416.15	59184.9	57647.4	1181953.125	1087.177	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	4844.965	4844.965	6014.99	3674.94	2737917.001	1654.665	**	**	**	**

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

Parameter Inventory for Station: KATM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/09/94-08/09/94	2	54107.5	54107.5	57605.7	50609.3	24474806.48	4947.202	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	1170.95	1170.95	1452.7	889.2	158766.125	398.455	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	440724.5	440724.5	512693.	368756.1	0358929984.5	101778.829	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	254122.	254122.	268997.	239247.	442531250.	21036.427	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	205968.5	205968.5	212084.	199853.	74798680.5	8648.623	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	482858.	482858.	567898.	397818.1	4463603200.	120264.721	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	699342.5	699342.5	715831.	682854.	543741264.5	23318.26	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	309108.5	309108.5	338776.	279441.	1760321112.5	41956.181	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	292487.	292487.	304534.	280440.	290260418.	17037.031	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	578121.5	578121.5	604106.	552137.	1350388480.5	36747.632	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	457792.	457792.	551171.	364413.1	7439275282.	132057.848	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	216993.45	216993.45	426627.	7359.9	87892450571.205	296466.61	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	701011.	701011.	709136.	692886.	132031250.	11490.485	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	751698.5	751698.5	768995.	734402.	598337824.5	24460.945	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	172784.	172784.	178576.	166992.	67094528.	8191.125	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	470832.	470832.	546758.	394906.1	1529514952.	107375.579	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	976389.	976389.	1011700.	941078.	2493733442.	49937.295	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	639843.	639843.	671460.	608226.	1999269378.	44713.19	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	2002.35	2002.35	2450.26	1554.44	401246.736	633.44	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	28792.25	28792.25	32007.2	25577.3	20671807.005	4546.626	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	81028.2	81028.2	83862.5	78193.9	16066512.98	4008.305	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	275363.	275363.	310482.	240244.	2466688322.	49665.766	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	313796.	313796.	361484.	266108.	4548290688.	67441.016	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/09/94-08/09/94	2	212415.	212415.	245150.	179680.	2143160450.	46294.281	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/09/94-08/09/94	2	3.875	3.875	4.814	2.935	1.765	1.329	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/09/94-08/09/94	2	0.93	0.93	1.021	0.84	0.016	0.128	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/09/94-08/09/94	2	1.073	1.073	1.359	0.787	0.164	0.404	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/09/94-08/09/94	2	0.39	0.39	0.429	0.351	0.003	0.055	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/09/94-08/09/94	2	1.616	1.616	1.633	1.598	0.001	0.025	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/09/94-08/09/94	2	0.621	0.621	0.624	0.617	0.	0.005	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/09/94-08/09/94	2	2.247	2.247	2.314	2.179	0.009	0.095	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/09/94-08/09/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/09/94-08/09/94	2	18.259	18.259	19.606	16.912	3.629	1.905	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/09/94-08/09/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/09/94-08/09/94	2	2.767	2.767	2.924	2.609	0.05	0.223	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/09/94-08/09/94	2	1.12	1.12	1.23	1.01	0.024	0.156	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/09/94-08/09/94	2	8.591	8.591	8.676	8.505	0.015	0.121	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/09/94-08/09/94	2	40.529	40.529	43.1	37.958	13.22	3.636	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/09/94-08/09/94	2	0.398	0.398	0.464	0.331	0.009	0.094	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/09/94-08/09/94	2	0.128	0.128	0.159	0.096	0.002	0.045	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/09/94-08/09/94	2	6.143	6.143	7.164	5.121	2.087	1.445	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	2	562858.5	562858.5	570489.	555228.	116449060.5	10791.157	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	2	745467.5	745467.5	756240.	734695.	232093512.5	15234.616	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	2	471655.	471655.	513050.	430260.	3427092050.	58541.37	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	2	11385.3	11385.3	14795.3	7975.3	23256200.	4822.468	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	2	70309.05	70309.05	83709.8	56908.3	359160201.125	18951.522	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	2	500770.	500770.	587298.	414242.1	4974189568.	122369.071	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/09/94-08/09/94	2	233020.5	233020.5	247550.	218491.	422212740.5	20547.816	**	**	**	**

** - Less than 9 observations ## - 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: KATM0009

NPS Station ID: KATM0009 | LAT/LON: 58.454420/-153.998880 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_35
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	133108.	143686.767	234008.	63944.37	314348242.563	85523.963	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	301226.	296745.333	468024.	120986.3	0123900641.333	173562.383	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	120679.	128653.6	222148.	43133.88	059216634.28	89773.14	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	## 0.	0.	0.	0.	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	16862.9	23198.333	41313.7	11418.4	253535527.163	15922.799	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	112930.	96258.467	119883.	55962.4	1229915793.853	35070.155	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	68389.	64406.867	82424.	42407.6	412221106.653	20303.229	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	32177.1	29176.7	43885.4	11467.6	269480239.33	16415.853	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	128633.	143989.667	197397.	105939.	2268011849.333	47623.648	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	149401.	141577.4	183550.	91781.2	2151284701.08	46381.944	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	43361.8	59917.067	95015.9	41373.5	924934410.243	30412.734	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	419.98	402.043	606.19	179.96	45659.296	213.68	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	10116.7	11556.853	17823.7	6730.16	32322188.651	5685.261	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	17247.1	20980.4	33953.2	11740.9	133799714.49	11567.183	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	15943.5	23165.867	38583.8	14970.3	178521280.763	13361.186	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	5701.97	6783.207	10082.9	4564.75	8489299.403	2913.64	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	21763.8	25503.073	46601.4	8144.02	380229142.912	19499.465	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	62526.5	57016.4	83427.4	25095.3	873429374.11	29553.839	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	1472.66	3586.27	8627.07	659.08	19222726.584	4384.373	**	**	**	**

** - Less than 9 observations ## - 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: KATM0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	12/10/89-08/01/92	3	54879.9	52583.233	81134.9	21734.9	886046008.333	29766.525	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	## 0.	0.	0.	0.	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	513599.	467639.333	689886.	199433.6	1720254522.333	248435.614	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	242582.	212531.333	276459.	118553.	6910858134.333	83131.571	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	225047.	200671.667	284338.	92630.	9633606972.333	98150.94	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	466074.	429735.333	620972.	202160.4	4841246857.333	211757.519	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	569757.	551813.333	862016.	223667.1	02113842830.333	319552.567	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	234378.	239520.	365140.	119042.1	5160886524.	123129.552	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	226229.	219016.333	310257.	120563.	9034970329.333	95052.461	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	432075.	463379.	778073.	179989.9	0161073076.	300268.335	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	465088.	415767.333	569663.	212551.3	3706641256.333	183593.685	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	417175.	343538.667	426644.	186797.1	8448378042.333	135824.806	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	599781.	526196.667	758187.	220622.7	6305022890.333	276233.638	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	638668.	578479.	852456.	244313.9	5176513903.	308506.911	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	185690.	158976.667	208617.	82623.	4503823642.333	67110.533	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	579389.	537710.667	806010.	227733.8	4903884784.333	291382.712	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	## 0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	870933.	755021.667	1081870.	312262.1	58150696312.333	397681.652	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	512903.	458748.	660572.	202769.5	4595469721.	233656.735	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	## 0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	## 0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	278.85	517.58	1273.89	0.	448442.943	669.659	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	13687.	17032.733	25980.	11431.2	61312344.013	7830.22	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	68753.1	66248.467	87254.7	42737.6	500147939.203	22363.988	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	265027.	249403.333	343021.	140162.1	0471017690.333	102327.991	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	305493.	307872.667	461645.	156480.2	3285666416.333	152596.417	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	12/10/89-08/01/92	3	151677.	182164.833	324113.	70704.5	16751097954.083	129426.033	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	12/10/89-08/01/92	3	0.147	1.613	4.693	0.	7.119	2.668	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	12/10/89-08/01/92	3	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	12/10/89-08/01/92	3	3.615	3.759	6.001	1.662	4.722	2.173	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	12/10/89-08/01/92	3	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	12/10/89-08/01/92	3	2.345	1.924	2.783	0.643	1.278	1.131	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	12/10/89-08/01/92	3	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	12/10/89-08/01/92	3	3.55	3.409	4.581	2.095	1.56	1.249	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	12/10/89-08/01/92	3	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	12/10/89-08/01/92	3	24.442	23.683	34.678	11.93	129.8	11.393	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	12/10/89-08/01/92	3	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	12/10/89-08/01/92	3	1.412	3.319	8.545	0.	20.982	4.581	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	12/10/89-08/01/92	3	## 0.	0.067	0.201	0.	0.013	0.116	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	12/10/89-08/01/92	3	5.079	5.287	8.801	1.981	11.661	3.415	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	12/10/89-08/01/92	3	11.583	34.124	82.761	8.029	1777.302	42.158	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	12/10/89-08/01/92	3	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	12/10/89-08/01/92	3	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	12/10/89-08/01/92	3	4.991	5.623	9.326	2.553	11.768	3.43	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	3	550631.	502115.667	743587.	212129.7	2377204617.333	269030.118	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	3	590458.	584081.333	930428.	231358.1	22205212633.333	349578.622	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	3	305464.	255460.333	312679.	148238.	8635485630.333	92927.314	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	3	3909.	10757.667	28364.	0.	236307300.333	15372.29	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	3	73786.	90370.667	169774.	27552.	5263062697.333	72546.969	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	3	538520.	492241.	720224.	217979.6	4668819387.	254300.648	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	12/10/89-08/01/92	3	122643.	171179.	331836.	59058.2	0368766793.	142719.189	**	**	**	**

** - Less than 9 observations ## - 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: KATM0010

NPS Station ID: KATM0010 LAT/LON: 58.453660/-154.000290 Agency: 11NPSWRD Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS STORET Station ID(s): KATM_EV_31
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 19020702 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS ECO Region:
RF1 Index: 19020702 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.62	1.435	2.84	0.32	0.838	0.915	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	4.125	4.213	6.09	2.36	1.576	1.255	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	4.735	4.833	7.27	3.33	2.182	1.477	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.9	1.795	2.31	1.14	0.263	0.513	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.27	2.055	6.77	0.64	5.409	2.326	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.365	1.977	5.79	0.4	3.685	1.92	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.03	0.18	0.	0.005	0.073	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.34	0.477	1.15	0.23	0.115	0.34	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.095	0.09	0.17	0.	0.004	0.062	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.235	0.253	0.57	0.	0.034	0.184	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.355	0.515	1.28	0.23	0.151	0.388	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.59	2.748	5.06	0.96	1.848	1.359	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.145	1.178	2.31	0.31	0.523	0.724	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.29	1.325	2.05	0.93	0.172	0.415	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.12	2.048	2.68	1.37	0.209	0.457	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.57	1.552	2.17	1.11	0.151	0.388	**	**	**	**

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

Parameter Inventory for Station: KATM0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/14/94-07/14/94	6	0.88	0.877	1.22	0.55	0.047	0.216	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	6.415	6.31	7.62	4.44	1.081	1.04	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	12.265	12.207	15.28	8.71	7.373	2.715	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	6.845	6.46	7.91	4.02	2.462	1.569	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	19.485	18.813	24.52	10.98	33.926	5.825	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	8.08	8.41	10.67	6.86	1.967	1.403	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	6.34	6.522	9.	5.18	2.052	1.433	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	21.425	21.602	28.66	12.92	40.392	6.355	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	10.73	10.8	12.11	9.83	1.007	1.003	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	4.59	4.023	6.05	1.27	4.148	2.037	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	46.595	48.157	68.72	31.06	253.181	15.912	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.31	7.47	9.23	6.42	1.281	1.132	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.235	7.548	9.59	6.73	1.063	1.031	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	3.54	3.39	8.1	0.	10.038	3.168	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	8.185	8.155	9.42	6.51	1.12	1.058	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	5.06	5.162	5.93	4.35	0.33	0.574	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	23.39	22.913	27.62	18.03	12.696	3.563	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	3.675	3.783	5.37	2.33	1.078	1.038	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.26	1.708	4.24	0.9	1.571	1.253	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.195	1.122	1.41	0.72	0.059	0.242	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.75	1.398	5.23	0.09	3.657	1.912	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	3.085	2.863	3.45	1.48	0.504	0.71	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	8.56	7.82	9.8	3.92	5.025	2.242	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	9.205	9.833	16.24	5.92	13.068	3.615	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.002	0.002	0.004	0.002	0.	0.001	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.	0.	0.001	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.	0.001	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.001	0.002	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.002	0.003	0.01	0.001	0.	0.003	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.	0.001	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.	0.001	0.001	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.005	0.008	0.02	0.003	0.	0.006	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.002	0.001	0.002	0.001	0.	0.001	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	8.855	9.002	11.16	6.42	2.954	1.719	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	22.52	22.885	26.12	20.32	5.437	2.332	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.235	7.223	15.63	0.	42.245	6.5	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.855	7.677	8.48	6.16	0.656	0.81	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	10.01	9.962	11.28	8.4	1.029	1.015	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	8.845	8.642	11.56	5.31	6.696	2.588	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	9.245	9.563	11.72	7.98	1.805	1.344	**	**	**	**

** - Less than 9 observations ## - 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: KATM0011

NPS Station ID: KATM0011 | LAT/LON: 58.453750/-154.000140 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_33
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.67	1.572	2.48	0.41	0.691	0.831	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	5.09	4.463	6.19	1.83	3.912	1.978	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	4.455	4.553	6.93	2.33	4.001	2.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.415	1.145	5.28	0.	4.159	2.039	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.43	1.28	1.91	0.39	0.437	0.661	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.34	1.315	2.17	0.35	0.389	0.624	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.27	0.323	0.61	0.09	0.05	0.224	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.635	1.843	8.53	0.18	10.781	3.284	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.225	0.242	0.45	0.05	0.024	0.156	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.53	0.443	0.85	0.02	0.097	0.311	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.55	0.493	0.9	0.08	0.095	0.309	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.015	0.09	0.	0.001	0.037	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.05	0.093	0.28	0.	0.014	0.117	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.685	1.445	2.2	0.33	0.612	0.782	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.205	1.66	5.09	0.49	2.938	1.714	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.35	1.552	3.75	0.48	1.42	1.192	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.605	3.287	8.35	0.99	7.271	2.696	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.685	3.023	6.33	0.98	4.112	2.028	**	**	**	**

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

Parameter Inventory for Station: KATM0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/14/94-07/14/94	6	1.06	1.528	4.91	0.41	2.865	1.692	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	3.925	4.962	15.55	0.	31.526	5.615	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.915	9.555	18.41	4.94	27.686	5.262	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.345	1.622	5.14	0.	3.403	1.845	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	2.377	11.01	0.	19.578	4.425	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	8.985	10.758	26.34	3.71	68.078	8.251	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	10.205	10.483	15.52	4.69	22.751	4.77	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	3.43	5.033	17.2	0.12	38.76	6.226	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.2	3.123	6.68	0.73	4.891	2.212	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	12.62	13.632	22.13	7.36	31.258	5.591	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.405	9.303	23.7	4.04	53.942	7.345	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.94	7.575	11.02	5.1	4.847	2.201	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.965	8.105	11.65	4.55	10.584	3.253	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	8.705	9.845	15.69	5.41	20.073	4.48	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.9	1.207	3.13	0.	1.625	1.275	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.725	10.442	24.88	4.79	59.664	7.724	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	3.357	14.52	0.	34.962	5.913	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	18.315	20.458	32.3	10.77	78.185	8.842	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	3.895	5.1	8.73	2.92	6.7	2.588	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.82	2.188	4.56	0.72	1.96	1.4	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.005	1.025	1.9	0.23	0.395	0.629	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.635	1.493	2.97	0.31	1.075	1.037	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	3.61	4.143	7.71	0.93	7.131	2.67	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.535	8.133	14.19	2.84	18.592	4.312	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	10.17	10.068	14.85	4.44	18.39	4.288	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.005	0.005	0.008	0.002	0.	0.002	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.002	0.007	0.001	0.	0.003	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.005	0.005	0.009	0.002	0.	0.002	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.	0.001	0.004	0.	0.	0.002	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.001	0.004	0.	0.	0.001	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.001	0.004	0.	0.	0.002	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.002	0.003	0.008	0.	0.	0.003	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	07/14/94-07/14/94	6 ##	0.	0.001	0.004	0.	0.	0.002	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.	0.001	0.008	0.	0.	0.003	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.	0.001	0.003	0.	0.	0.001	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.002	0.007	0.	0.	0.003	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.008	0.007	0.01	0.003	0.	0.002	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.002	0.	0.	0.001	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.002	0.	0.	0.001	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.002	0.007	0.001	0.	0.002	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	9.47	9.692	14.18	5.7	11.246	3.353	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	15.34	14.795	22.11	7.83	33.444	5.783	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	26.57	32.3	86.66	5.77	959.725	30.979	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.295	10.323	19.37	4.13	40.426	6.358	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	8.735	11.62	21.97	3.89	50.632	7.116	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	6.935	9.205	22.05	2.29	50.199	7.085	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	10.035	12.565	22.26	5.71	43.153	6.569	**	**	**	**

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

Station Inventory for Station: KATM0012

NPS Station ID: KATM0012 LAT/LON: 58.458115/-154.003893 Agency: 11NPSWRD Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS STORET Station ID(s): KATM_EV_39
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 19020702 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS ECO Region:
RF1 Index: 19020702 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
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Parameter Inventory for Station: KATM0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	12.9	12.9	12.9	12.9	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	1.06	1.06	1.06	1.06	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	17.2	17.2	17.2	17.2	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	3.06	3.06	3.06	3.06	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	6.78	6.78	6.78	6.78	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	7.12	7.12	7.12	7.12	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	10.04	10.04	10.04	10.04	0.	0.	**	**	**	**

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Parameter Inventory for Station: KATM0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/16/89-08/16/89	1	5.02	5.02	5.02	5.02	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	76.72	76.72	76.72	76.72	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	89.62	89.62	89.62	89.62	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	42.42	42.42	42.42	42.42	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	31.21	31.21	31.21	31.21	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	67.45	67.45	67.45	67.45	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	87.1	87.1	87.1	87.1	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	38.97	38.97	38.97	38.97	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	58.08	58.08	58.08	58.08	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	93.47	93.47	93.47	93.47	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	47.41	47.41	47.41	47.41	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	71.53	71.53	71.53	71.53	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	84.	84.	84.	84.	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	88.9	88.9	88.9	88.9	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	27.07	27.07	27.07	27.07	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	81.	81.	81.	81.	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	75.24	75.24	75.24	75.24	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	175.	175.	175.	175.	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	65.	65.	65.	65.	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	39.22	39.22	39.22	39.22	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	35.93	35.93	35.93	35.93	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	14.7	14.7	14.7	14.7	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	23.1	23.1	23.1	23.1	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	27.6	27.6	27.6	27.6	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.021	0.021	0.021	0.021	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	92.1	92.1	92.1	92.1	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	115.9	115.9	115.9	115.9	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	113.65	113.65	113.65	113.65	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	65.27	65.27	65.27	65.27	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	82.15	82.15	82.15	82.15	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	76.17	76.17	76.17	76.17	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	98.31	98.31	98.31	98.31	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0013

NPS Station ID: KATM0013 | LAT/LON: 58.454320/-154.009940 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_32
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.11	1.193	1.96	0.62	0.237	0.486	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.565	2.94	4.85	2.23	0.921	0.96	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.465	2.665	4.02	1.83	0.586	0.765	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.455	0.515	1.04	0.29	0.073	0.27	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.615	0.885	1.91	0.22	0.497	0.705	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.895	1.082	2.71	0.15	0.855	0.925	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.11	0.178	0.49	0.	0.041	0.202	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.225	0.198	0.31	0.03	0.012	0.112	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.05	0.112	0.48	0.	0.034	0.184	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.17	0.273	0.91	0.	0.11	0.332	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.26	0.292	0.72	0.	0.067	0.259	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.013	0.08	0.	0.001	0.033	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.095	0.09	0.18	0.	0.004	0.066	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.675	1.71	3.11	0.51	0.683	0.827	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.065	0.932	1.25	0.28	0.137	0.371	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.635	0.645	0.86	0.4	0.031	0.175	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.405	1.492	2.29	1.04	0.205	0.453	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.76	0.763	1.01	0.59	0.024	0.156	**	**	**	**

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Parameter Inventory for Station: KATM0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/14/94-07/14/94	6	0.53	0.562	0.93	0.4	0.035	0.188	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	5.645	6.007	7.37	5.52	0.538	0.734	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.715	10.093	22.97	6.53	40.206	6.341	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	4.1	4.702	11.38	1.58	12.106	3.479	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	1.233	7.4	0.	9.127	3.021	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	9.9	13.507	33.85	6.6	102.275	10.113	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	8.135	9.182	17.35	6.56	16.623	4.077	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	3.08	6.328	24.27	1.27	78.32	8.85	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	8.065	8.822	13.99	5.41	9.771	3.126	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	11.68	12.963	22.95	8.85	25.997	5.099	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	5.355	5.562	7.22	4.58	0.952	0.976	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	18.32	20.635	33.37	14.51	52.531	7.248	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	5.585	6.465	12.99	4.28	10.727	3.275	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	6.575	8.792	19.83	5.08	30.327	5.507	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	3.13	3.582	8.08	0.	11.828	3.439	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	6.09	9.473	26.63	5.01	71.102	8.432	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	3.855	3.022	5.51	0.	6.048	2.459	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	17.85	18.972	27.43	13.47	22.869	4.782	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	5.635	5.608	6.73	4.24	0.845	0.919	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.18	0.248	0.72	0.06	0.059	0.244	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.975	0.97	1.43	0.61	0.108	0.329	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.01	1.2	3.32	0.	1.355	1.164	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.31	2.892	5.48	1.41	2.275	1.508	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	6.89	6.52	9.68	3.76	4.632	2.152	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	6.72	6.753	10.33	4.24	5.039	2.245	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.	0.001	0.001	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.	0.	0.001	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.001	0.003	0.	0.	0.001	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.	0.	0.001	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.	0.	0.001	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.003	0.003	0.005	0.002	0.	0.001	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	9.05	9.927	16.59	7.05	11.955	3.458	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	32.785	34.237	45.53	27.44	44.854	6.697	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	19.24	36.917	143.86	3.94	2809.889	53.008	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.525	7.705	8.87	6.2	1.055	1.027	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	9.025	7.67	11.24	0.	16.395	4.049	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	6.29	8.978	22.94	5.3	47.144	6.866	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	10.975	10.913	13.84	8.07	3.916	1.979	**	**	**	**

** - 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 time series plot

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

Station Inventory for Station: KATM0014

NPS Station ID: KATM0014 LAT/LON: 58.456893/-154.014699 Agency: 11NPSWRD Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS STORET Station ID(s): KATM_EV_38
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 19020702 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS ECO Region:
RF1 Index: 19020702 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	2.22	2.22	2.22	2.22	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	1.17	1.17	1.17	1.17	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	2.22	2.22	2.22	2.22	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	8.32	8.32	8.32	8.32	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	1.49	1.49	1.49	1.49	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/16/89-08/16/89	1	1.93	1.93	1.93	1.93	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	7.67	7.67	7.67	7.67	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	30.45	30.45	30.45	30.45	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	10.75	10.75	10.75	10.75	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	35.59	35.59	35.59	35.59	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	35.3	35.3	35.3	35.3	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	32.13	32.13	32.13	32.13	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	6.62	6.62	6.62	6.62	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	42.28	42.28	42.28	42.28	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	19.18	19.18	19.18	19.18	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	31.14	31.14	31.14	31.14	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	30.1	30.1	30.1	30.1	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	43.5	43.5	43.5	43.5	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	6.68	6.68	6.68	6.68	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	26.6	26.6	26.6	26.6	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	21.98	21.98	21.98	21.98	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	68.1	68.1	68.1	68.1	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	21.2	21.2	21.2	21.2	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	15.24	15.24	15.24	15.24	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	11.07	11.07	11.07	11.07	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	2.38	2.38	2.38	2.38	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	17.4	17.4	17.4	17.4	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	35.3	35.3	35.3	35.3	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	52.	52.	52.	52.	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	46.31	46.31	46.31	46.31	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	17.59	17.59	17.59	17.59	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	26.75	26.75	26.75	26.75	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	27.68	27.68	27.68	27.68	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	42.47	42.47	42.47	42.47	0.	0.	**	**	**	**

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

Station Inventory for Station: KATM0015

NPS Station ID: KATM0015 | LAT/LON: 58.456698/-154.018310 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_37
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	0.89	0.89	0.89	0.89	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	2.25	2.25	2.25	2.25	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	4.83	4.83	4.83	4.83	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	2.25	2.25	2.25	2.25	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/16/89-08/16/89	1	1.81	1.81	1.81	1.81	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	6.08	6.08	6.08	6.08	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	31.45	31.45	31.45	31.45	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	17.85	17.85	17.85	17.85	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	11.52	11.52	11.52	11.52	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	51.69	51.69	51.69	51.69	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	20.1	20.1	20.1	20.1	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	28.59	28.59	28.59	28.59	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	71.36	71.36	71.36	71.36	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	35.57	35.57	35.57	35.57	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	54.55	54.55	54.55	54.55	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	111.27	111.27	111.27	111.27	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	22.2	22.2	22.2	22.2	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	36.4	36.4	36.4	36.4	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	10.56	10.56	10.56	10.56	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	14.6	14.6	14.6	14.6	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	57.4	57.4	57.4	57.4	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	19.77	19.77	19.77	19.77	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	24.96	24.96	24.96	24.96	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	3.67	3.67	3.67	3.67	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	4.83	4.83	4.83	4.83	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	26.1	26.1	26.1	26.1	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	41.2	41.2	41.2	41.2	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	35.68	35.68	35.68	35.68	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	12.95	12.95	12.95	12.95	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	16.88	16.88	16.88	16.88	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	28.25	28.25	28.25	28.25	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	30.51	30.51	30.51	30.51	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0016

NPS Station ID: KATM0016 LAT/LON: 58.453615/-154.020616 Agency: 11NPSWRD Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS STORET Station ID(s): KATM_EV_30
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 19020702 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS ECO Region:
RF1 Index: 19020702 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.315	2.562	3.92	1.99	0.515	0.718	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	5.885	6.242	8.61	5.29	1.476	1.215	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	6.98	6.73	8.34	5.	1.403	1.185	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	3.445	3.345	3.96	2.67	0.242	0.492	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.295	2.252	3.18	1.62	0.314	0.561	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.565	2.562	2.99	2.03	0.147	0.383	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.07	0.062	0.14	0.	0.003	0.054	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.49	0.468	0.63	0.31	0.015	0.123	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.09	0.102	0.2	0.01	0.008	0.088	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.325	0.295	0.4	0.18	0.008	0.087	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	0.5	0.54	0.72	0.46	0.01	0.1	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.022	0.13	0.	0.003	0.053	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	3.685	3.855	5.38	2.92	0.694	0.833	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.685	1.625	2.36	0.76	0.285	0.534	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.85	1.743	1.96	1.33	0.07	0.264	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.555	2.395	2.96	1.54	0.302	0.549	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.37	2.407	2.91	1.79	0.181	0.425	**	**	**	**

** - Less than 9 observations ## - 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: KATM0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/14/94-07/14/94	6	1.18	1.278	1.78	1.1	0.066	0.257	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.835	8.073	9.55	6.79	1.257	1.121	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	15.305	15.827	20.15	13.22	5.658	2.379	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	7.845	6.565	13.63	0.	30.601	5.532	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	1.583	9.5	0.	15.042	3.878	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	25.835	26.108	34.	21.89	18.152	4.261	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	9.16	9.595	12.49	7.33	3.421	1.85	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	6.44	7.673	13.95	3.23	13.924	3.731	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	27.155	23.967	46.81	0.	391.657	19.79	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	12.015	12.078	13.95	9.81	2.344	1.531	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	11.785	11.788	14.76	8.72	5.483	2.342	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	71.185	74.872	100.57	60.17	218.343	14.776	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	9.035	9.458	11.3	8.62	1.095	1.047	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	8.25	8.205	9.32	6.6	0.987	0.993	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	8.53	6.727	9.77	0.	14.652	3.828	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	9.475	9.248	10.59	7.57	1.169	1.081	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	6.62	4.722	7.73	0.	13.574	3.684	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	32.37	76.117	291.52	26.	11201.692	105.838	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	4.555	4.565	5.4	3.39	0.539	0.734	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.25	1.345	1.98	1.	0.138	0.371	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	1.44	1.693	3.09	0.96	0.621	0.788	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	2.29	1.82	2.93	0.27	1.347	1.161	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	3.115	3.327	5.33	2.13	1.561	1.249	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	9.295	8.56	11.16	5.32	5.336	2.31	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/14/94-07/14/94	6	12.95	11.375	14.23	6.67	10.346	3.217	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.003	0.003	0.004	0.003	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.002	0.002	0.003	0.002	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.005	0.004	0.006	0.002	0.	0.002	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.002	0.001	0.002	0.001	0.	0.001	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.009	0.008	0.011	0.005	0.	0.003	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	07/14/94-07/14/94	6	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	10.695	10.742	12.79	9.11	2.037	1.427	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	20.985	21.892	29.94	18.41	18.666	4.32	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	11.46	9.708	19.52	0.	69.085	8.312	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	9.185	9.257	10.43	8.13	1.03	1.015	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	11.365	11.46	12.83	10.27	1.523	1.234	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	11.25	11.05	13.14	8.22	3.132	1.77	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/14/94-07/14/94	6	10.13	10.382	12.44	9.33	1.212	1.101	**	**	**	**

** - Less than 9 observations ## - 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: KATM0017

NPS Station ID: KATM0017 | LAT/LON: 58.455809/-154.023115 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_36
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	1.35	1.35	1.35	1.35	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	3.77	3.77	3.77	3.77	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	3.87	3.87	3.87	3.87	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/16/89-08/16/89	1	2.43	2.43	2.43	2.43	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	8.58	8.58	8.58	8.58	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	55.05	55.05	55.05	55.05	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	28.25	28.25	28.25	28.25	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	30.71	30.71	30.71	30.71	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	112.06	112.06	112.06	112.06	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	21.3	21.3	21.3	21.3	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	36.94	36.94	36.94	36.94	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	153.03	153.03	153.03	153.03	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	30.39	30.39	30.39	30.39	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	45.22	45.22	45.22	45.22	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	315.58	315.58	315.58	315.58	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	26.5	26.5	26.5	26.5	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	43.	43.	43.	43.	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	16.58	16.58	16.58	16.58	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	20.	20.	20.	20.	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	121.4	121.4	121.4	121.4	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	18.8	18.8	18.8	18.8	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	31.33	31.33	31.33	31.33	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	59.14	59.14	59.14	59.14	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	4.67	4.67	4.67	4.67	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	13.9	13.9	13.9	13.9	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	31.2	31.2	31.2	31.2	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	45.3	45.3	45.3	45.3	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	34.49	34.49	34.49	34.49	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	14.45	14.45	14.45	14.45	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	16.04	16.04	16.04	16.04	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	34.14	34.14	34.14	34.14	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	30.21	30.21	30.21	30.21	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

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

Station Inventory for Station: KATM0018

NPS Station ID: KATM0018 | LAT/LON: 58.420004/-154.031116 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_27
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	2.08	2.08	2.08	2.08	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	5.36	5.36	5.36	5.36	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	9.97	9.97	9.97	9.97	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	5.37	5.37	5.37	5.37	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/16/89-08/16/89	1	2.78	2.78	2.78	2.78	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	30.94	30.94	30.94	30.94	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	82.88	82.88	82.88	82.88	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	22.01	22.01	22.01	22.01	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	80.26	80.26	80.26	80.26	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	195.86	195.86	195.86	195.86	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	28.2	28.2	28.2	28.2	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	50.94	50.94	50.94	50.94	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	291.69	291.69	291.69	291.69	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	32.34	32.34	32.34	32.34	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	56.22	56.22	56.22	56.22	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	618.67	618.67	618.67	618.67	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	61.2	61.2	61.2	61.2	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	50.7	50.7	50.7	50.7	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	16.17	16.17	16.17	16.17	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	22.9	22.9	22.9	22.9	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	68.63	68.63	68.63	68.63	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	76.8	76.8	76.8	76.8	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	16.3	16.3	16.3	16.3	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	63.99	63.99	63.99	63.99	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	137.73	137.73	137.73	137.73	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	5.99	5.99	5.99	5.99	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/16/89-08/16/89	1	19.3	19.3	19.3	19.3	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/16/89-08/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/16/89-08/16/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	48.	48.	48.	48.	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	50.9	50.9	50.9	50.9	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	40.13	40.13	40.13	40.13	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	20.25	20.25	20.25	20.25	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	22.22	22.22	22.22	22.22	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	44.57	44.57	44.57	44.57	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/16/89-08/16/89	1	35.91	35.91	35.91	35.91	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0019

NPS Station ID: KATM0019 | LAT/LON: 58.449003/-154.048003 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_29
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	4.9	5.567	7.3	4.5	2.293	1.514	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	6.7	6.81	7.13	6.6	0.079	0.282	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	8.8	8.47	9.8	6.81	2.317	1.522	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	6.79	6.707	7.78	5.55	1.248	1.117	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3 ##	0.	0.813	2.44	0.	1.985	1.409	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	8.2	8.803	11.11	7.1	4.293	2.072	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	7.3	7.687	9.16	6.6	1.751	1.323	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	1.42	1.407	1.43	1.37	0.001	0.032	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3 ##	0.	2.543	7.63	0.	19.406	4.405	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3 ##	0.	3.35	10.05	0.	33.668	5.802	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3 ##	0.	1.39	4.17	0.	5.796	2.408	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	3.62	2.94	5.2	0.	7.107	2.666	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	5.9	5.23	6.3	3.49	2.311	1.52	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	2.37	2.063	2.73	1.09	0.743	0.862	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	4.95	4.49	5.13	3.39	0.916	0.957	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	3.19	3.04	3.64	2.29	0.473	0.687	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	4.25	4.167	5.19	3.06	1.139	1.067	**	**	**	**

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

Parameter Inventory for Station: KATM0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/29/89-09/29/89	3	1.88	2.027	2.5	1.7	0.176	0.42	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	19.45	19.393	23.8	14.93	19.672	4.435	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	50.57	49.81	61.96	36.9	157.434	12.547	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	18.22	18.443	30.4	6.71	140.341	11.847	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	32.7	54.52	107.52	23.34	2128.652	46.137	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	127.7	133.663	181.7	91.59	2056.624	45.35	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	36.	37.433	45.7	30.6	58.543	7.651	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	30.3	35.997	50.2	27.49	153.275	12.38	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	143.97	132.783	200.8	53.58	5512.288	74.245	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	29.26	28.537	30.55	25.8	6.033	2.456	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	28.26	33.817	54.	19.19	326.091	18.058	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	407.84	378.293	525.5	201.54	26892.275	163.989	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	40.5	40.667	49.3	32.2	73.123	8.551	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	47.	57.8	100.4	26.	1471.32	38.358	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	16.11	14.39	18.91	8.15	31.163	5.582	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	40.	36.5	46.	23.5	135.75	11.651	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	10.77	14.4	27.03	5.4	126.847	11.263	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	52.4	55.267	61.4	52.	28.253	5.315	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	23.7	23.733	32.1	15.4	69.723	8.35	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	67.06	75.79	130.41	29.9	2582.725	50.821	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	137.61	112.497	149.04	50.84	2883.82	53.701	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	5.03	5.23	7.32	3.34	3.99	1.998	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	2.75	2.35	4.3	0.	4.743	2.178	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3 ##	0.	0.533	1.6	0.	0.853	0.924	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	6.3	7.067	9.1	5.8	3.163	1.779	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	11.6	11.767	13.3	10.4	2.123	1.457	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	3	13.2	13.503	15.3	12.01	2.775	1.666	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.007	0.007	0.009	0.004	0.	0.003	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.006	0.007	0.009	0.005	0.	0.002	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.001	0.	0.001	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.005	0.005	0.006	0.003	0.	0.002	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/29/89-09/29/89	3	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.013	0.012	0.016	0.007	0.	0.005	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.001	0.	0.001	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	3	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	3	54.7	53.2	61.8	43.1	89.11	9.44	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	3	77.7	76.5	90.	61.8	199.89	14.138	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	3	52.37	48.113	55.84	36.13	110.71	10.522	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	3	18.02	19.827	24.	17.46	13.141	3.625	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	3	22.29	23.263	28.5	19.	23.273	4.824	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	3	25.81	26.633	36.49	17.6	89.716	9.472	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	3	26.94	27.24	31.3	23.48	15.356	3.919	**	**	**	**

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

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

Station Inventory for Station: KATM0020

NPS Station ID: KATM0020 LAT/LON: 58.611253/-154.056004 Agency: 11NPSWRD Date Created: 08/21/99
Location: KUGUYAK CALDERA LAKE; SOUTHEASTERN AREA FIPS State/County: 02122 ALASKA/KENAI PENINSULA (B)
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_OSU_KUGU
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19020702 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: WEST SLOPE COOK INLET ECO Region:
RF1 Index: 19020702 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMI (C-1); ALASKA 15 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK BOUND-
ARIES. THE STATION IS LOCATED AT KUGUYAK CALDERA LAKE; SOUTHEASTERN AREA. THE DATA ARE FROM "BASELINE INVENTORY OF THE AQUATIC RESOURCES
OF ANIAKCHAK NATIONAL MONUMENT; ALASKA; DRAFT. COOPERATIVE AGREEMENT CA-9000-8-0006; SUBAGREEMENT 9. NATIONAL PARK SERVICE COOPERATIVE PARK
SERVICE UNIT; COLLEGE OF FORESTRY; OREGON STATE UNIVERSITY; CORVALLIS OREGON; 97331. 249P.; APPENDIX I AND II." BY W. A. CAMERON AND G.L.
LARSON. THE LATITUDE AND LONGITUDE COORDINATES ARE ESTIMATED AND BASED ON STATION DESCRIPTIONS AND REPORT MAPS PROVIDED BY CAMERON AND LARSON.
FOR MORE INFORMATION ABOUT THE PARK; CONTACT NATURAL RESOURCES AT P.O. BOX 7; KING SALMON ALASKA; 99613-0007; TEL.(907)246-3305. THE DATA
WERE PROCESSED AND UPLOADED TO STORET BY NANCY O'KEEFFE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250;
FORT COLLINS CO; 80525; TEL (970) 225-3516.

Parameter Inventory for Station: KATM0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/13/89-08/13/89	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/13/89-08/13/89	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/89-08/13/89	1	5560.	5560.	5560.	5560.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/13/89-08/13/89	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/13/89-08/13/89	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/89-08/13/89	1	3162.278	3162.278	3162.278	3162.278	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/89-08/13/89	1	5.041	5.041	5.041	5.041	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/13/89-08/13/89	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00652	PHOSPHOROUS DISSOLVED TOTAL WHATMAN GF/F MG/L P	08/13/89-08/13/89	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/89-08/13/89	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/89-08/13/89	1 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/89-08/13/89	1	0.645	0.645	0.645	0.645	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/89-08/13/89	1	473.	473.	473.	473.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/89-08/13/89	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/13/89-08/13/89	1	231.8	231.8	231.8	231.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/89-08/13/89	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/13/89-08/13/89	1	65.4	65.4	65.4	65.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/89-08/13/89	1	40.99	40.99	40.99	40.99	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/89-08/13/89	1	5.27	5.27	5.27	5.27	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/13/89-08/13/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/13/89-08/13/89	1	817.	817.	817.	817.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/13/89-08/13/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/13/89-08/13/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/13/89-08/13/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/13/89-08/13/89	1	27962000.	27962000.	27962000.	27962000.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/13/89-08/13/89	1 ##	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/13/89-08/13/89	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/89-08/13/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/13/89-08/13/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/13/89-08/13/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/13/89-08/13/89	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/13/89-08/13/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/13/89-08/13/89	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/13/89-08/13/89	1 ##	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/13/89-08/13/89	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/13/89-08/13/89	1	20010.	20010.	20010.	20010.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/13/89-08/13/89	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/13/89-08/13/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	08/13/89-08/13/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/13/89-08/13/89	1	18.2	18.2	18.2	18.2	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/13/89-08/13/89	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0021

NPS Station ID: KATM0021 | LAT/LON: 58.235800/-154.148650 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_23
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (A-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	1.74	49121.168	196481.	0.199651075661.256		98239.888	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	1.39	120680.758	482720.	0.2558254405827.145		241359.495	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	0.73	60296.923	241186.	0.2314542603715.12		120592.718	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	0.22	0.2	0.36	0.	0.023	0.152	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	0.53	13347.208	53387.5	0.27712544454.924		26693.528	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	2.07	41600.83	166399.	0.186922036995.179		83198.78	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	1.185	26585.343	106339.	0. 2826953727.555		53169.105	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	0.225	14143.098	56571.9	0.04800090347.396		28285.868	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	7.295	60540.785	242148.	0.5514658302488.725		121071.477	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	2.345	61413.958	245651.	0.1415085905705.		122824.695	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	1.27	34809.158	139234.	0.094846465659.305		69616.562	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4 ##	2.335	2.52	5.41	0.	8.558	2.925	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	9.75	2933.115	11712.4	0.56 34255953.801		5852.859	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	4.59	5450.483	21792.5	0.25118694021.713		10894.679	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	8.245	4758.315	19016.1	0.67 90348670.259		9505.192	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	4.675	4201.638	16796.	1.2 70496877.777		8396.242	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	0.235	12408.968	49635.4	0. 615914345.203		24817.622	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	1.09	22071.935	88285.4	0.161948543532.628		44142.31	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	0.2	3232.278	12928.7	0.01 41786937.491		6464.282	**	**	**	**

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

Parameter Inventory for Station: KATM0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	10/02/89-09/09/93	4	0.305	21786.053	87143.6	0.	1898492895.676	43571.698	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	2.195	2.208	4.44	0.	3.608	1.899	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	51.415	220462.65	881741.	6.771943	506921111.381	440852.234	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	44.04	78916.995	315551.	28.92488	6956693.367	157756.004	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	34.34	68783.67	275066.	0.189121	78596.565	137521.557	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	107.38	180893.285	723341.	17.38130	777569865.524	361631.815	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	23.665	296124.58	1184440.	10.99350	713015835.268	592210.28	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	89.035	78025.885	311915.	10.47243	12945270.852	155926.089	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	457.955	77614.203	309529.	11.92390	4368913.831	154610.378	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	8.73	255238.205	1020930.	5.362605	70633308.891	510461.197	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	61.805	166871.47	667343.	19.27111	320779220.195	333647.687	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	254.075	145503.365	581490.	15.31844	81969335.775	290657.822	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	30.91	282843.78	1131300.	13.33199	45758950.688	565637.48	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	28.135	304109.823	1216370.	13.02369	874947495.551	608173.452	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	55.975	59492.595	237836.	22.43141	36164803.689	118895.605	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	38.92	256996.41	1027890.	17.82641	23078859.321	513929.06	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	45.305	283886.028	1135450.	3.532229	3867001.271	567709.316	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	25.92	159389.71	637507.	0.101598	286031.055	318744.86	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	0.2	658.05	2631.8	0.	1731417.374	1315.833	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	2.65	4716.448	18860.	0.49	88906702.3	9429.035	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	6.32	21078.058	84299.4	0.191776	416971.056	42147.562	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	11.46	84597.31	338366.	0.322862	1576960.975	169179.127	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	7.63	102599.885	410384.	0.284210	2694002.817	205189.41	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	10/02/89-09/09/93	4	3.96	54698.863	218787.	0.531196	6629726.295	109392.092	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	10/02/89-09/09/93	4	0.	2.534	10.137	0.	25.689	5.068	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	10/02/89-09/09/93	4	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	10/02/89-09/09/93	4	0.001	1.151	4.601	0.	5.291	2.3	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	10/02/89-09/09/93	4	0.001	0.001	0.003	0.	0.	0.001	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	10/02/89-09/09/93	4	0.	0.571	2.282	0.	1.302	1.141	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	10/02/89-09/09/93	4	0.	0.	0.001	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	10/02/89-09/09/93	4	0.002	1.631	6.52	0.001	10.624	3.259	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	10/02/89-09/09/93	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	10/02/89-09/09/93	4	0.005	6.891	27.554	0.001	189.755	13.775	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	10/02/89-09/09/93	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	10/02/89-09/09/93	4	0.	1.927	7.708	0.	14.853	3.854	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	10/02/89-09/09/93	4	0.001	0.001	0.002	0.	0.	0.001	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	10/02/89-09/09/93	4	0.	3.108	12.431	0.	38.632	6.215	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	10/02/89-09/09/93	4	0.001	9.	35.999	0.	323.965	17.999	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	10/02/89-09/09/93	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	10/02/89-09/09/93	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	10/02/89-09/09/93	4	0.001	1.561	6.243	0.	9.742	3.121	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	4	21.52	285570.075	1142230.	7.263261	62767735.962	571106.617	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	4	23.335	325351.438	1301350.	9.084233	65864154.026	650665.708	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	4	25.32	178926.91	715657.	0.128035	195634.29	357820.06	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	4	4.61	4952.8	19801.	0.98	97986247.17	9898.8	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	4	1.51	41843.923	167372.	0.677003	243662.797	83685.385	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	4	50.825	216085.435	864223.	17.09186	703246280.208	432091.71	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	10/02/89-09/09/93	4	2.89	75630.693	302515.	1.992287	8439551.577	151256.205	**	**	**	**

** - 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

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

Station Inventory for Station: KATM0022

NPS Station ID: KATM0022 | LAT/LON: 58.235400/-154.152030 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_22
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (A-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	31619.15	31619.15	33789.3	29449.	9419102.045	3069.056	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	19549.805	19549.805	33573.9	5525.71	393350481.138	19833.065	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	3237.46	3237.46	6121.51	353.41	16635488.805	4078.663	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	89.625	89.625	112.43	66.82	1040.136	32.251	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	4965.535	4965.535	7160.68	2770.39	9637323.142	3104.404	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	18621.9	18621.9	18739.7	18504.1	27753.68	166.594	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	12667.	12667.	14742.1	10591.9	8612080.02	2934.635	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	631.745	631.745	1161.67	101.82	561641.011	749.427	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	33528.95	33528.95	41523.1	25534.8	127812868.445	11305.435	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	21522.05	21522.05	21704.8	21339.3	66795.125	258.448	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	6543.41	6543.41	10315.8	2771.02	28461852.624	5334.965	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	1457.015	1457.015	2006.96	907.07	604879.006	777.74	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	6863.835	6863.835	9115.42	4612.25	10139270.024	3184.222	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	6862.975	6862.975	8698.12	5027.83	6735514.342	2595.287	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	8039.135	8039.135	9569.94	6508.33	4686727.896	2164.885	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	1378.6	1378.6	1811.54	945.66	374874.087	612.27	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	630.265	630.265	1235.05	25.48	731529.792	855.295	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	3688.08	3688.08	6142.28	1233.88	12046195.28	3470.763	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	15.59	15.59	25.87	5.31	211.357	14.538	**	**	**	**

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

Parameter Inventory for Station: KATM0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/10/94-08/10/94	2	3595.71	3595.71	6475.59	715.83	16587417.629	4072.765	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	16667.25	16667.25	31873.2	1461.3	462441830.805	21504.461	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	25878.25	25878.25	32911.4	18845.1	98930397.845	9946.376	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	36492.	36492.	37393.4	35590.6	1625043.92	1274.772	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	25743.1	25743.1	42341.1	9145.1	550987208.	23473.117	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	18276.05	18276.05	35476.3	1075.8	591697200.125	24324.827	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	17541.85	17541.85	30732.5	4351.2	347986494.845	18654.396	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	22811.9	22811.9	34822.4	10801.4	288504220.5	16985.412	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	16644.7	16644.7	29332.2	3957.2	321945312.5	17942.835	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	22751.7	22751.7	42867.8	2635.6	809314958.42	28448.461	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	7513.365	7513.365	14705.6	321.13	103456488.59	10171.356	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	19983.35	19983.35	37578.8	2387.9	619199721.405	24883.724	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	20014.55	20014.55	36728.	3301.1	558678821.805	23636.388	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	23666.7	23666.7	25480.6	21852.8	6580466.42	2565.242	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	20299.25	20299.25	36956.	3642.5	554894641.125	23556.202	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	77979.	77979.	107209.	48749.	1708785800.	41337.462	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	48669.45	48669.45	73490.5	23848.4	1232169046.205	35102.266	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	76.82	76.82	128.59	25.05	5360.266	73.214	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	8015.61	8015.61	10969.5	5061.72	17450932.264	4177.431	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	20371.4	20371.4	27631.	13111.8	105403584.32	10266.625	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	67056.85	67056.85	85705.7	48408.	695559212.645	26373.457	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	53953.1	53953.1	54372.4	53533.8	351624.98	592.98	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/10/94-08/10/94	2	15120.41	15120.41	25076.8	5164.02	198259403.664	14080.462	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/10/94-08/10/94	2	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/10/94-08/10/94	2	0.087	0.087	0.13	0.045	0.004	0.06	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/10/94-08/10/94	2	0.18	0.18	0.208	0.152	0.002	0.04	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/10/94-08/10/94	2 ##	0.005	0.005	0.009	0.	0.	0.006	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/10/94-08/10/94	2	0.114	0.114	0.131	0.096	0.001	0.025	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/10/94-08/10/94	2	0.173	0.173	0.227	0.119	0.006	0.076	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/10/94-08/10/94	2	0.65	0.65	0.825	0.475	0.061	0.247	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/10/94-08/10/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/10/94-08/10/94	2	4.71	4.71	5.61	3.81	1.62	1.273	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/10/94-08/10/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/10/94-08/10/94	2	0.552	0.552	0.593	0.51	0.003	0.059	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/10/94-08/10/94	2	0.387	0.387	0.573	0.2	0.07	0.264	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/10/94-08/10/94	2	0.181	0.181	0.322	0.039	0.04	0.2	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/10/94-08/10/94	2	1.23	1.23	2.236	0.223	2.026	1.423	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/10/94-08/10/94	2	0.127	0.127	0.202	0.052	0.011	0.106	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/10/94-08/10/94	2 ##	0.054	0.054	0.108	0.	0.006	0.076	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/10/94-08/10/94	2	1.683	1.683	2.199	1.166	0.534	0.73	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	2	12608.7	12608.7	24199.2	1018.2	268679380.5	16391.442	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	2	21554.9	21554.9	39894.1	3215.7	672652513.28	25935.545	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	2	13312.4	13312.4	24717.9	1906.9	260170860.5	16129.813	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	2 ##	305.935	305.935	611.87	0.	187192.448	432.657	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	2 ##	2308.395	2308.395	4616.79	0.	10657374.952	3264.564	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	2	25892.95	25892.95	41257.	10528.9	472108064.805	21728.048	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/10/94-08/10/94	2	5330.3	5330.3	10520.1	140.5	53868048.08	7339.486	**	**	**	**

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

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

Station Inventory for Station: KATM0023

NPS Station ID: KATM0023 | LAT/LON: 58.235500/-154.152300 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_21
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (A-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	16846.8	16846.8	17347.3	16346.3	501000.5	707.814	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	3275.89	3275.89	4394.02	2157.76	2500429.394	1581.275	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	1081.71	1081.71	1085.8	1077.62	33.456	5.784	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	15688.	15688.	16918.3	14457.7	3027276.18	1739.907	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	17100.8	17100.8	18256.7	15944.9	2672209.62	1634.689	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	157.355	157.355	177.45	137.26	807.618	28.419	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	45188.1	45188.1	49558.4	40817.8	38199044.18	6180.538	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	29162.5	29162.5	32169.4	26155.6	18082895.22	4252.399	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	1010.52	1010.52	1271.67	749.37	136398.645	369.322	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	316.225	316.225	357.9	274.55	3473.611	58.937	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	4526.325	4526.325	5178.84	3873.81	851551.65	922.796	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	5588.385	5588.385	6456.28	4720.49	1506483.462	1227.389	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	6669.25	6669.25	7612.23	5726.27	1778422.561	1333.575	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	1662.195	1662.195	2072.68	1251.71	336995.87	580.513	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	295.69	295.69	376.88	214.5	13183.632	114.82	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/02/92-08/02/92	2 ##	357.52	357.52	715.04	0.	255641.101	505.61	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	3632.5	3632.5	7265.	0.	26390112.5	5137.131	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	20170.5	20170.5	25516.	14825.	57148740.5	7559.679	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	39080.5	39080.5	49123.	29038.	201703612.5	14202.24	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	13001.	13001.	18819.	7183.	67698248.	8227.895	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	6211.	6211.	9451.	2971.	20995200.	4582.052	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	6396.5	6396.5	12793.	0.	81830424.5	9046.017	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	11686.	11686.	17143.	6229.	59557698.	7717.363	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	2301.5	2301.5	4603.	0.	10593804.5	3254.813	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	15668.5	15668.5	28291.	3046.	318655012.5	17850.911	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	15333.	15333.	30666.	0.	470201778.	21684.137	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	8510.5	8510.5	12338.	4683.	29299512.5	5412.902	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	13175.5	13175.5	17151.	9200.	31609200.5	5622.206	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	21109.5	21109.5	21997.	20222.	1575312.5	1255.115	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	11813.	11813.	14272.	9354.	12093362.	3477.551	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	103321.5	103321.5	107657.	98986.	37593120.5	6131.323	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	72117.5	72117.5	79926.	64309.	121945344.5	11042.887	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	4470.765	4470.765	4670.12	4271.41	79484.832	281.931	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	16863.25	16863.25	17123.5	16603.	135460.125	368.049	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	57932.1	57932.1	62459.3	53404.9	40991079.68	6402.428	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	38992.6	38992.6	39813.3	38171.9	1347096.98	1160.645	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/02/92-08/02/92	2	673.05	673.05	1058.11	287.99	296542.407	544.557	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/02/92-08/02/92	2	0.488	0.488	0.497	0.479	0.	0.013	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/02/92-08/02/92	2	0.324	0.324	0.402	0.245	0.012	0.111	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/02/92-08/02/92	2 ##	0.112	0.112	0.223	0.	0.025	0.158	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/02/92-08/02/92	2	0.864	0.864	1.017	0.711	0.047	0.216	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/02/92-08/02/92	2	4.725	4.725	5.334	4.116	0.742	0.861	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/02/92-08/02/92	2	0.159	0.159	0.176	0.141	0.001	0.025	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/02/92-08/02/92	2	0.232	0.232	0.279	0.185	0.004	0.066	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/02/92-08/02/92	2 ##	0.023	0.023	0.045	0.	0.001	0.032	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/02/92-08/02/92	2	1.032	1.032	1.117	0.946	0.015	0.121	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	2	4480.	4480.	7003.	1957.	12731058.	3568.061	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	2	6653.5	6653.5	12581.	726.	70270512.5	8382.751	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	1848.	1848.	3696.	0.	6830208.	2613.467	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	8625.5	8625.5	17251.	0.	148798500.5	12198.299	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/02/92-08/02/92	2 ##	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

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

Station Inventory for Station: KATM0024

NPS Station ID: KATM0024 | LAT/LON: 58.294670/-154.260430 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_24
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	5.24	5.24	5.24	5.24	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	6.41	6.41	6.41	6.41	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	6.06	6.06	6.06	6.06	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	14.93	14.93	14.93	14.93	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	3.02	3.02	3.02	3.02	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	11.04	11.04	11.04	11.04	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	1.31	1.31	1.31	1.31	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	6.56	6.56	6.56	6.56	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	10.24	10.24	10.24	10.24	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	4.66	4.66	4.66	4.66	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	5.18	5.18	5.18	5.18	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	3.82	3.82	3.82	3.82	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	3.26	3.26	3.26	3.26	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	7.71	7.71	7.71	7.71	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	3.13	3.13	3.13	3.13	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/29/89-09/29/89	1	2.21	2.21	2.21	2.21	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	18.46	18.46	18.46	18.46	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	38.84	38.84	38.84	38.84	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	80.5	80.5	80.5	80.5	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	113.41	113.41	113.41	113.41	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	15.9	15.9	15.9	15.9	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	31.87	31.87	31.87	31.87	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	159.87	159.87	159.87	159.87	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	5.73	5.73	5.73	5.73	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	14.81	14.81	14.81	14.81	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	531.75	531.75	531.75	531.75	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	43.3	43.3	43.3	43.3	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	14.9	14.9	14.9	14.9	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	43.21	43.21	43.21	43.21	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	21.1	21.1	21.1	21.1	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	25.5	25.5	25.5	25.5	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	102.9	102.9	102.9	102.9	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	194.3	194.3	194.3	194.3	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	4.43	4.43	4.43	4.43	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	2.01	2.01	2.01	2.01	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	7.78	7.78	7.78	7.78	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	8.25	8.25	8.25	8.25	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	15.29	15.29	15.29	15.29	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/29/89-09/29/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	52.1	52.1	52.1	52.1	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	50.5	50.5	50.5	50.5	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	32.55	32.55	32.55	32.55	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	14.96	14.96	14.96	14.96	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	9.71	9.71	9.71	9.71	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	18.45	18.45	18.45	18.45	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	17.19	17.19	17.19	17.19	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0025

NPS Station ID: KATM0025
LAT/LON: 59.155281/-154.259170
Agency: 112WRD
Date Created: 02/17/90
Location: PAINT R NR KAMISHAK AK
FIPS State/County: 02120 ALASKA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 15294900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 19020602
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 19020602
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: KATM0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/89-05/17/89	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/17/89-05/17/89	1	50.	50.	50.	50.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: KATM0026

NPS Station ID: KATM0026 | LAT/LON: 58.173360/-154.278060 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_18
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (A-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	9.66	9.66	9.66	9.66	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	11.4	11.4	11.4	11.4	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	12.01	12.01	12.01	12.01	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	12.74	12.74	12.74	12.74	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.67	4.67	4.67	4.67	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	14.84	14.84	14.84	14.84	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	14.11	14.11	14.11	14.11	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	5.97	5.97	5.97	5.97	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	9.84	9.84	9.84	9.84	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	5.36	5.36	5.36	5.36	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.05	4.05	4.05	4.05	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	3.64	3.64	3.64	3.64	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.49	1.49	1.49	1.49	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.37	6.37	6.37	6.37	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	3.87	3.87	3.87	3.87	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	5.93	5.93	5.93	5.93	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/27/89-09/27/89	1	3.88	3.88	3.88	3.88	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	45.79	45.79	45.79	45.79	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	44.03	44.03	44.03	44.03	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	16.28	16.28	16.28	16.28	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.21	6.21	6.21	6.21	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	98.38	98.38	98.38	98.38	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	20.9	20.9	20.9	20.9	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	30.79	30.79	30.79	30.79	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	129.49	129.49	129.49	129.49	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	21.25	21.25	21.25	21.25	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	40.8	40.8	40.8	40.8	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	298.6	298.6	298.6	298.6	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	36.2	36.2	36.2	36.2	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	20.9	20.9	20.9	20.9	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.65	2.65	2.65	2.65	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	19.4	19.4	19.4	19.4	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	105.81	105.81	105.81	105.81	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	40.8	40.8	40.8	40.8	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	28.7	28.7	28.7	28.7	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	49.95	49.95	49.95	49.95	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	122.08	122.08	122.08	122.08	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.01	6.01	6.01	6.01	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.07	4.07	4.07	4.07	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	9.02	9.02	9.02	9.02	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	14.78	14.78	14.78	14.78	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	15.48	15.48	15.48	15.48	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.024	0.024	0.024	0.024	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	44.9	44.9	44.9	44.9	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	41.7	41.7	41.7	41.7	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	27.83	27.83	27.83	27.83	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	22.68	22.68	22.68	22.68	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	13.95	13.95	13.95	13.95	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	25.19	25.19	25.19	25.19	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	21.61	21.61	21.61	21.61	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0027

NPS Station ID: KATM0027 | LAT/LON: 58.183780/-154.289800 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_20
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (A-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	27.81	27.81	27.81	27.81	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	0.74	0.74	0.74	0.74	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.35	1.35	1.35	1.35	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	3.34	3.34	3.34	3.34	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.37	1.37	1.37	1.37	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.56	2.56	2.56	2.56	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/27/89-09/27/89	1	1.78	1.78	1.78	1.78	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	7.08	7.08	7.08	7.08	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	72.97	72.97	72.97	72.97	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	28.37	28.37	28.37	28.37	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	40.52	40.52	40.52	40.52	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	264.64	264.64	264.64	264.64	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	56.47	56.47	56.47	56.47	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	875.32	875.32	875.32	875.32	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	10.06	10.06	10.06	10.06	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	31.83	31.83	31.83	31.83	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1064.06	1064.06	1064.06	1064.06	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	52.2	52.2	52.2	52.2	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	36.	36.	36.	36.	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	54.03	54.03	54.03	54.03	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	46.	46.	46.	46.	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.98	2.98	2.98	2.98	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	25.7	25.7	25.7	25.7	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	249.22	249.22	249.22	249.22	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	559.9	559.9	559.9	559.9	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.11	2.11	2.11	2.11	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	29.3	29.3	29.3	29.3	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	73.9	73.9	73.9	73.9	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	18.79	18.79	18.79	18.79	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.35	6.35	6.35	6.35	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	35.99	35.99	35.99	35.99	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**

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

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

Station Inventory for Station: KATM0028

NPS Station ID: KATM0028 | LAT/LON: 58.183260/-154.288660 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_19
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (A-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.47	1.47	1.47	1.47	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.26	2.26	2.26	2.26	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	26.11	26.11	26.11	26.11	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.71	1.71	1.71	1.71	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.26	2.26	2.26	2.26	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.57	1.57	1.57	1.57	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.97	1.97	1.97	1.97	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/27/89-09/27/89	1	1.47	1.47	1.47	1.47	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	3.52	3.52	3.52	3.52	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	90.76	90.76	90.76	90.76	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	40.65	40.65	40.65	40.65	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	97.74	97.74	97.74	97.74	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	304.08	304.08	304.08	304.08	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	14.	14.	14.	14.	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	46.53	46.53	46.53	46.53	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	405.66	405.66	405.66	405.66	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	9.21	9.21	9.21	9.21	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	32.37	32.37	32.37	32.37	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1802.12	1802.12	1802.12	1802.12	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	58.9	58.9	58.9	58.9	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	44.6	44.6	44.6	44.6	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	29.03	29.03	29.03	29.03	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	47.	47.	47.	47.	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	29.5	29.5	29.5	29.5	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	205.16	205.16	205.16	205.16	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	490.02	490.02	490.02	490.02	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.55	2.55	2.55	2.55	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	30.7	30.7	30.7	30.7	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	90.	90.	90.	90.	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	15.82	15.82	15.82	15.82	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	3.66	3.66	3.66	3.66	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.99	4.99	4.99	4.99	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	63.57	63.57	63.57	63.57	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	8.16	8.16	8.16	8.16	0.	0.	**	**	**	**

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

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

Station Inventory for Station: KATM0029

NPS Station ID: KATM0029 | LAT/LON: 58.144809/-154.330003 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_17
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (A-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.66	4.66	4.66	4.66	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	5.75	5.75	5.75	5.75	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.31	4.31	4.31	4.31	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.52	2.52	2.52	2.52	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	10.64	10.64	10.64	10.64	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	9.21	9.21	9.21	9.21	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	0.82	0.82	0.82	0.82	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	3.82	3.82	3.82	3.82	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	7.25	7.25	7.25	7.25	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.96	2.96	2.96	2.96	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.64	1.64	1.64	1.64	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.27	1.27	1.27	1.27	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.79	2.79	2.79	2.79	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.01	2.01	2.01	2.01	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.77	2.77	2.77	2.77	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/27/89-09/27/89	1	2.29	2.29	2.29	2.29	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	9.86	9.86	9.86	9.86	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	76.	76.	76.	76.	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	33.32	33.32	33.32	33.32	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	128.59	128.59	128.59	128.59	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	229.	229.	229.	229.	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	15.9	15.9	15.9	15.9	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	57.	57.	57.	57.	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	421.	421.	421.	421.	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	10.65	10.65	10.65	10.65	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	29.	29.	29.	29.	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1269.	1269.	1269.	1269.	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	44.9	44.9	44.9	44.9	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	19.6	19.6	19.6	19.6	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	16.46	16.46	16.46	16.46	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	16.58	16.58	16.58	16.58	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	22.3	22.3	22.3	22.3	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	22.6	22.6	22.6	22.6	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	197.86	197.86	197.86	197.86	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	509.6	509.6	509.6	509.6	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.56	2.56	2.56	2.56	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.62	1.62	1.62	1.62	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	7.96	7.96	7.96	7.96	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	7.87	7.87	7.87	7.87	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	31.7	31.7	31.7	31.7	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	31.7	31.7	31.7	31.7	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	25.22	25.22	25.22	25.22	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	7.94	7.94	7.94	7.94	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.46	6.46	6.46	6.46	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	11.7	11.7	11.7	11.7	0.	0.	**	**	**	**

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

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

Station Inventory for Station: KATM0030

NPS Station ID: KATM0030 | LAT/LON: 58.135000/-154.329500 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_16
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (A-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.86	4.86	4.86	4.86	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	7.98	7.98	7.98	7.98	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	9.33	9.33	9.33	9.33	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	23.2	23.2	23.2	23.2	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.64	4.64	4.64	4.64	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.64	4.64	4.64	4.64	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	5.38	5.38	5.38	5.38	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	0.84	0.84	0.84	0.84	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.16	1.16	1.16	1.16	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.89	4.89	4.89	4.89	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.46	2.46	2.46	2.46	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.26	4.26	4.26	4.26	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/27/89-09/27/89	1	2.93	2.93	2.93	2.93	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	8.38	8.38	8.38	8.38	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	71.17	71.17	71.17	71.17	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	40.21	40.21	40.21	40.21	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	85.18	85.18	85.18	85.18	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	253.66	253.66	253.66	253.66	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	15.8	15.8	15.8	15.8	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	58.76	58.76	58.76	58.76	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	221.8	221.8	221.8	221.8	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	12.42	12.42	12.42	12.42	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	35.17	35.17	35.17	35.17	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	910.84	910.84	910.84	910.84	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	34.	34.	34.	34.	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	23.8	23.8	23.8	23.8	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	82.52	82.52	82.52	82.52	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	34.	34.	34.	34.	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.04	4.04	4.04	4.04	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	28.1	28.1	28.1	28.1	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	312.04	312.04	312.04	312.04	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	557.17	557.17	557.17	557.17	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.28	2.28	2.28	2.28	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.28	1.28	1.28	1.28	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.78	4.78	4.78	4.78	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	7.46	7.46	7.46	7.46	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	8.42	8.42	8.42	8.42	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	29.9	29.9	29.9	29.9	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	37.1	37.1	37.1	37.1	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	20.2	20.2	20.2	20.2	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	8.08	8.08	8.08	8.08	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	9.99	9.99	9.99	9.99	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	9.77	9.77	9.77	9.77	0.	0.	**	**	**	**

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

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

Station Inventory for Station: KATM0031

NPS Station ID: KATM0031 | LAT/LON: 58.135000/-154.329500 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_15
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (A-1) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.82	6.82	6.82	6.82	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	11.15	11.15	11.15	11.15	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	12.87	12.87	12.87	12.87	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	27.47	27.47	27.47	27.47	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.14	6.14	6.14	6.14	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.36	6.36	6.36	6.36	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.08	1.08	1.08	1.08	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.65	6.65	6.65	6.65	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.87	2.87	2.87	2.87	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/27/89-09/27/89	1	3.88	3.88	3.88	3.88	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	9.57	9.57	9.57	9.57	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	71.98	71.98	71.98	71.98	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	36.28	36.28	36.28	36.28	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	16.04	16.04	16.04	16.04	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	257.16	257.16	257.16	257.16	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	18.2	18.2	18.2	18.2	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	52.82	52.82	52.82	52.82	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	114.8	114.8	114.8	114.8	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	15.85	15.85	15.85	15.85	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	61.02	61.02	61.02	61.02	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	746.5	746.5	746.5	746.5	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	23.6	23.6	23.6	23.6	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	32.7	32.7	32.7	32.7	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	66.99	66.99	66.99	66.99	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	35.	35.	35.	35.	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.53	4.53	4.53	4.53	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	40.2	40.2	40.2	40.2	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	303.12	303.12	303.12	303.12	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	550.5	550.5	550.5	550.5	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	2.86	2.86	2.86	2.86	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	1.32	1.32	1.32	1.32	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	6.02	6.02	6.02	6.02	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	9.29	9.29	9.29	9.29	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/27/89-09/27/89	1	8.27	8.27	8.27	8.27	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/27/89-09/27/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	33.7	33.7	33.7	33.7	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	43.	43.	43.	43.	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	20.74	20.74	20.74	20.74	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	10.66	10.66	10.66	10.66	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	12.49	12.49	12.49	12.49	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	46.51	46.51	46.51	46.51	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/27/89-09/27/89	1	12.34	12.34	12.34	12.34	0.	0.	**	**	**	**

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

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

Station Inventory for Station: KATM0032

NPS Station ID: KATM0032 | LAT/LON: 58.067810/-154.488116 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_14
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (A-2) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	1.51	1.51	2.32	0.7	1.312	1.146	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	8.24	8.24	16.24	0.24	128.	11.314	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	9.925	9.925	19.22	0.63	172.794	13.145	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	0.47	0.47	0.85	0.09	0.289	0.537	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2 ##	6.37	6.37	12.74	0.	81.154	9.009	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2 ##	8.075	8.075	16.15	0.	130.411	11.42	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	3.865	3.865	6.45	1.28	13.364	3.656	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	1.935	1.935	3.17	0.7	3.05	1.747	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	1.	1.	1.54	0.46	0.583	0.764	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	1.43	1.43	2.27	0.59	1.411	1.188	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	2.44	2.44	4.25	0.63	6.552	2.56	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	3.365	3.365	5.79	0.94	11.761	3.429	**	**	**	**

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

Parameter Inventory for Station: KATM0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	06/27/90-06/27/90	2	1.105	1.105	1.97	0.24	1.496	1.223	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	11.61	11.61	22.01	1.21	216.32	14.708	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	24.165	24.165	31.2	17.13	98.982	9.949	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	436.445	436.445	509.34	363.55	10627.362	103.089	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	2344.	2344.	3434.3	1253.7	2377508.18	1541.917	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	17.81	17.81	24.3	11.32	84.24	9.178	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	5.05	5.05	9.3	0.8	36.125	6.01	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	498.65	498.65	705.26	292.04	85375.384	292.191	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	52.035	52.035	91.5	12.57	3114.972	55.812	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	38.6	38.6	70.2	7.	1997.12	44.689	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	406.955	406.955	556.03	257.88	44446.711	210.824	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	48.73	48.73	70.1	27.36	913.354	30.222	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	22.25	22.25	32.9	11.6	226.845	15.061	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	41.4	41.4	68.8	14.	1501.52	38.749	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	157.675	157.675	202.91	112.44	4092.41	63.972	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	40.305	40.305	51.28	29.33	240.901	15.521	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	31.79	31.79	62.77	0.81	1919.521	43.812	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	12.85	12.85	22.8	2.9	198.005	14.071	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	15.75	15.75	26.8	4.7	244.205	15.627	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	23.175	23.175	36.89	9.46	376.202	19.396	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	261.835	261.835	505.83	17.84	119067.12	345.061	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	0.2	0.2	0.34	0.06	0.039	0.198	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	0.52	0.52	0.94	0.1	0.353	0.594	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2	0.585	0.585	1.	0.17	0.344	0.587	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2 ##	2.535	2.535	5.07	0.	12.852	3.585	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2 ##	5.39	5.39	10.78	0.	58.104	7.623	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	06/27/90-06/27/90	2 ##	7.225	7.225	14.45	0.	104.401	10.218	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	06/27/90-06/27/90	2	0.003	0.003	0.005	0.001	0.	0.003	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	06/27/90-06/27/90	2	0.001	0.001	0.002	0.	0.	0.001	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	06/27/90-06/27/90	2	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	06/27/90-06/27/90	2	0.007	0.007	0.011	0.002	0.	0.006	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	06/27/90-06/27/90	2	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	06/27/90-06/27/90	2	0.005	0.005	0.009	0.	0.	0.006	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	06/27/90-06/27/90	2	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	06/27/90-06/27/90	2	0.001	0.001	0.002	0.	0.	0.001	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	06/27/90-06/27/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	06/27/90-06/27/90	2	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	06/27/90-06/27/90	2 ##	0.007	0.007	0.014	0.	0.	0.01	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	06/27/90-06/27/90	2	0.004	0.004	0.006	0.001	0.	0.004	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	06/27/90-06/27/90	2 ##	0.005	0.005	0.009	0.	0.	0.006	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	06/27/90-06/27/90	2	0.	0.	0.001	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	06/27/90-06/27/90	2	0.001	0.001	0.001	0.	0.	0.001	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	06/27/90-06/27/90	2	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	06/27/90-06/27/90	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	2	21.3	21.3	37.1	5.5	499.28	22.345	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	2	28.15	28.15	49.	7.3	869.445	29.486	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	2	17.94	17.94	33.15	2.73	462.688	21.51	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	2	11.48	11.48	20.74	2.22	171.495	13.096	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	2	13.495	13.495	23.55	3.44	202.206	14.22	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	2	65.735	65.735	104.11	27.36	2945.281	54.27	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	06/27/90-06/27/90	2	29.43	29.43	47.64	11.22	663.208	25.753	**	**	**	**

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

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

Station Inventory for Station: KATM0033

NPS Station ID: KATM0033 | LAT/LON: 59.003810/-154.712005 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: PIRATE LAKE | FIPS State/County: 02122 ALASKA/KENAI PENINSULA (B)
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_AMS_PIR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 349 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMA (A-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT PIRATE LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. THE VALUE UPLOADED TO STORET IS THE MEAN OF TWO SAMPLES; WHERE EACH SAMPLE IS THE MEAN OF TWO REPLICATES. DATA ARE SUMMARIZED IN A 1992 REPORT TITLED "A CHEMICAL SURVEY OF REMOTE LAKES OF THE ALAGNAK AND NAKNEK RIVER SYSTEMS; SOUTHWEST ALASKA; U.S.A." BY ANDREW J. GUNTHER (APPLIED MARINE SCIENCES INC.; LIVERMORE CA). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	09/04/86-09/04/86	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/04/86-09/04/86	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/86-09/04/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/04/86-09/04/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/04/86-09/04/86	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/04/86-09/04/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0033

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	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: KATM0034

NPS Station ID: KATM0034
LAT/LON: 59.029642/-154.784977
Agency: 11NPSWRD
Date Created: 03/13/99
Location: BATTLE LAKE STREAM 2
FIPS State/County: 02122 ALASKA/KENAI PENINSULA (B)
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_UAF_BL2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BATTLE LAKE STREAM 2 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/24/90-08/24/90	1	121.	121.	121.	121.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/90-08/24/90	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/24/90-08/24/90	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/90-08/24/90	1	238.	238.	238.	238.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/90-08/24/90	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/24/90-08/24/90	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/90-08/24/90	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/90-08/24/90	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/90-08/24/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/24/90-08/24/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/90-08/24/90	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/24/90-08/24/90	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/24/90-08/24/90	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/24/90-08/24/90	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/24/90-08/24/90	2 ##	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/90-08/24/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/90-08/24/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/24/90-08/24/90	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/24/90-08/24/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/24/90-08/24/90	2	170.	170.	180.	160.	200.	14.142	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/24/90-08/24/90	2 ##	35.	35.	35.	35.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/24/90-08/24/90	2 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/24/90-08/24/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/24/90-08/24/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/24/90-08/24/90	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/24/90-08/24/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/24/90-08/24/90	2	4.75	4.75	5.	4.5	0.125	0.354	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/24/90-08/24/90	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/24/90-08/24/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/24/90-08/24/90	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/24/90-08/24/90	2	31.5	31.5	56.	7.	1200.5	34.648	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/24/90-08/24/90	2	200.	200.	200.	200.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/24/90-08/24/90	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/24/90-08/24/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/24/90-08/24/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/24/90-08/24/90	2	18.	18.	19.	17.	2.	1.414	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/24/90-08/24/90	2 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/24/90-08/24/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/24/90-08/24/90	2	2510.	2510.	2650.	2370.	39200.	197.99	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	08/24/90-08/24/90	1	1.06	1.06	1.06	1.06	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/90-08/24/90	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0034

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
82079 TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0035

NPS Station ID: KATM0035 | LAT/LON: 58.900310/-154.799281 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK LAKE STREAM 5 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_KL05
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-3) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE STREAM 5 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/92-07/24/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/92-07/24/92	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0036

NPS Station ID: KATM0036 | LAT/LON: 58.896004/-154.801838 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK LAKE STREAM 6 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_KL06
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-3) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE STREAM 6 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	1	7.26	7.26	7.26	7.26	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/92-07/24/92	1	7.26	7.26	7.26	7.26	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/92-07/24/92	1	0.055	0.055	0.055	0.055	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/92-07/24/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/24/92-07/24/92	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/92-07/24/92	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: KATM0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	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.	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: KATM0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0037

NPS Station ID: KATM0037 | LAT/LON: 58.907782/-154.805254 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK LAKE 4 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_KL04
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-3) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE STREAM 4 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	1	7.16	7.16	7.16	7.16	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/92-07/24/92	1	7.16	7.16	7.16	7.16	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/92-07/24/92	1	0.069	0.069	0.069	0.069	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/92-07/24/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/24/92-07/24/92	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/92-07/24/92	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: KATM0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	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.	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: KATM0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0038

NPS Station ID: KATM0038 | LAT/LON: 59.064559/-154.811616 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: IRON SPRINGS LAKE | FIPS State/County: 02122 ALASKA/KENAI PENINSULA (B)
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_AMS_IRO
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 502 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMA (A-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT IRON SPRINGS LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. THE VALUE UPLOADED TO STORET IS THE MEAN OF THREE SAMPLES; WHERE EACH SAMPLE IS THE MEAN OF TWO REPLICATES. DATA ARE SUMMARIZED IN A 1992 REPORT TITLED "A CHEMICAL SURVEY OF REMOTE LAKES OF THE ALAGNAK AND NAKNEK RIVER SYSTEMS; SOUTHWEST ALASKA; U.S.A." BY ANDREW J. GUNTHER (APPLIED MARINE SCIENCES INC.; LIVERMORE CA). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/04/86-08/04/86	1	3.65	3.65	3.65	3.65	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/04/86-08/04/86	1	3.65	3.65	3.65	3.65	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/86-08/04/86	1	223.872	223.872	223.872	223.872	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/86-08/04/86	1 ##	0.062	0.062	0.062	0.062	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/86-08/04/86	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/86-08/04/86	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/04/86-08/04/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/86-08/04/86	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/86-08/04/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/86-08/04/86	1	73.	73.	73.	73.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/04/86-08/04/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/04/86-08/04/86	1	317.	317.	317.	317.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/04/86-08/04/86	1	83.	83.	83.	83.	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/04/86-08/04/86	1	1.02	1.02	1.02	1.02	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: KATM0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
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									
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	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: KATM0039

NPS Station ID: KATM0039 | LAT/LON: 58.899253/-154.828309 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK LAKE STREAM 7 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_KL07
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-3) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE STREAM 7 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	1	7.17	7.17	7.17	7.17	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/92-07/24/92	1	7.17	7.17	7.17	7.17	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/92-07/24/92	1	0.068	0.068	0.068	0.068	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/92-07/24/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/24/92-07/24/92	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/92-07/24/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	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.	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: KATM0039

Parameter				Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0040

NPS Station ID: KATM0040 | LAT/LON: 59.037921/-154.849115 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BATTLE LAKE EAST | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UCB_BLE
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT BATTLE LAKE EAST. LIMITED STATION LOCATION INFORMATION WAS PROVIDED. DATA WERE COLLECTED AT THIS SITE ON 20 AUGUST 1984. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/84-08/20/84	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-08/20/84	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/20/84-08/20/84	1	0.589	0.589	0.589	0.589	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/84-08/20/84	1	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0040

				Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0041

NPS Station ID: KATM0041 | LAT/LON: 59.038810/-154.861699 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BATTLE LAKE STREAM 3 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_BL3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BATTLE LAKE STREAM 3 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/24/90-08/24/90	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/90-08/24/90	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/24/90-08/24/90	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/90-08/24/90	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/90-08/24/90	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/24/90-08/24/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/90-08/24/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/90-08/24/90	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/90-08/24/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/24/90-08/24/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/90-08/24/90	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/24/90-08/24/90	2	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/24/90-08/24/90	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/24/90-08/24/90	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/24/90-08/24/90	2 ##	0.225	0.225	0.25	0.2	0.001	0.035	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/90-08/24/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/90-08/24/90	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/24/90-08/24/90	2 ##	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/24/90-08/24/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/24/90-08/24/90	2	130.	130.	140.	120.	200.	14.142	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/24/90-08/24/90	2 ##	37.5	37.5	40.	35.	12.5	3.536	**	**	**	**

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

Parameter Inventory for Station: KATM0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/24/90-08/24/90	2 ##	35.	35.	40.	30.	50.	7.071	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/24/90-08/24/90	2 ##	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/24/90-08/24/90	2 ##	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/24/90-08/24/90	2 ##	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/24/90-08/24/90	2 ##	0.275	0.275	0.3	0.25	0.001	0.035	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/24/90-08/24/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/24/90-08/24/90	2	4.	4.	4.1	3.9	0.02	0.141	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/24/90-08/24/90	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/24/90-08/24/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/24/90-08/24/90	2	7.	7.	7.	7.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/24/90-08/24/90	2 ##	10.75	10.75	20.	1.5	171.125	13.081	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/24/90-08/24/90	2	95.	95.	160.	30.	8450.	91.924	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/24/90-08/24/90	2 ##	5.25	5.25	9.	1.5	28.125	5.303	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/24/90-08/24/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/24/90-08/24/90	2 ##	2.25	2.25	3.	1.5	1.125	1.061	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/24/90-08/24/90	2	4.	4.	4.	4.	0.	0.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/24/90-08/24/90	2 ##	2.75	2.75	3.	2.5	0.125	0.354	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/24/90-08/24/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/24/90-08/24/90	2	1405.	1405.	1410.	1400.	50.	7.071	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	08/24/90-08/24/90	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/90-08/24/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	1	0.50	2	1	0.50									
		Drinking Water	5.	2	1	0.50	2	1	0.50									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0042

NPS Station ID: KATM0042
LAT/LON: 58.935892/-154.885227
Agency: 11NPSWRD
Date Created: 03/13/99
Location: KULIK LAKE 1990 SAMPLING STATION
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_UAF_KL90
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-3) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 5 AUGUST 1990 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/90-08/05/90	16	10.05	9.425	11.3	7.2	2.674	1.635	7.2	7.45	11.	11.16
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/05/90-08/05/90	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/05/90-08/05/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/90-08/05/90	16	31.5	30.	36.	20.	34.933	5.91	20.7	25.	36.	36.
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/05/90-08/05/90	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/90-08/05/90	16	10.45	10.488	10.7	10.3	0.013	0.115	10.37	10.4	10.6	10.63
00406	PH, FIELD, STANDARD UNITS SU	08/05/90-08/05/90	16	7.05	7.15	7.8	6.8	0.107	0.327	6.8	6.9	7.4	7.73
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/05/90-08/05/90	16	7.047	7.058	7.8	6.8	0.116	0.34	6.8	6.9	7.4	7.73
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/90-08/05/90	16	0.09	0.087	0.158	0.016	0.002	0.048	0.019	0.04	0.126	0.158
00440	BICARBONATE ION (MG/L AS HCO3)	08/05/90-08/05/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/05/90-08/05/90	3 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/05/90-08/05/90	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/05/90-08/05/90	3	4.2	4.233	4.3	4.2	0.003	0.058	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/05/90-08/05/90	3	0.4	0.433	0.5	0.4	0.003	0.058	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/05/90-08/05/90	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/05/90-08/05/90	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/90-08/05/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/90-08/05/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/05/90-08/05/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/05/90-08/05/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/05/90-08/05/90	3	20.	28.667	61.	5.	840.333	28.989	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/05/90-08/05/90	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/05/90-08/05/90	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/05/90-08/05/90	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/05/90-08/05/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/05/90-08/05/90	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/05/90-08/05/90	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/05/90-08/05/90	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/05/90-08/05/90	3	3.1	3.1	3.2	3.	0.01	0.1	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/05/90-08/05/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/05/90-08/05/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/05/90-08/05/90	3	16.	16.	16.	16.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/05/90-08/05/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/05/90-08/05/90	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/05/90-08/05/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/05/90-08/05/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/05/90-08/05/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/05/90-08/05/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/05/90-08/05/90	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/05/90-08/05/90	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/05/90-08/05/90	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/05/90-08/05/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/05/90-08/05/90	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/05/90-08/05/90	3	2290.	2290.	2360.	2220.	4900.	70.	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/05/90-08/05/90	1	0.148	0.148	0.148	0.148	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/05/90-08/05/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/05/90-08/05/90	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: KATM0042

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	16	0	0.00	16	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	16	0	0.00	16	0	0.00									
		Other-Lo Lim.	6.5	16	0	0.00	16	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0042

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0043

NPS Station ID: KATM0043 | LAT/LON: 59.041588/-154.887532 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BATTLE LAKE STREAM 4 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_BL4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BATTLE LAKE STREAM 4 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/24/90-08/24/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/90-08/24/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/24/90-08/24/90	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/90-08/24/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/90-08/24/90	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/24/90-08/24/90	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/90-08/24/90	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/90-08/24/90	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/90-08/24/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/24/90-08/24/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/90-08/24/90	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/24/90-08/24/90	2	1.85	1.85	1.9	1.8	0.005	0.071	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/24/90-08/24/90	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/24/90-08/24/90	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/24/90-08/24/90	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/90-08/24/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/90-08/24/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/24/90-08/24/90	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/24/90-08/24/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/24/90-08/24/90	2 ##	27.	27.	49.	5.	968.	31.113	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/24/90-08/24/90	2 ##	35.	35.	35.	35.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/24/90-08/24/90	2 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/24/90-08/24/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/24/90-08/24/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/24/90-08/24/90	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/24/90-08/24/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/24/90-08/24/90	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/24/90-08/24/90	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/24/90-08/24/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/24/90-08/24/90	2	6.	6.	6.	6.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/24/90-08/24/90	2	22.	22.	29.	15.	98.	9.899	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/24/90-08/24/90	2	45.	45.	50.	40.	50.	7.071	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/24/90-08/24/90	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/24/90-08/24/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/24/90-08/24/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/24/90-08/24/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/24/90-08/24/90	2 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/24/90-08/24/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/24/90-08/24/90	2	2165.	2165.	2190.	2140.	1250.	35.355	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	08/24/90-08/24/90	1 ##	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/90-08/24/90	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0043

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0043

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
82079 TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0044

NPS Station ID: KATM0044 | LAT/LON: 58.940560/-154.895448 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK LAKE STREAM 3 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_KL03
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-3) AK-LAKE AND PENINSULA CO. 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE STREAM 3 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/92-07/24/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/92-07/24/92	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0045

NPS Station ID: KATM0045 | LAT/LON: 58.937781/-154.913032 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK LAKE STREAM 8 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_KL08
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-3) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE STREAM 8 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FORM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	1	15.6	15.6	15.6	15.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	1	416.	416.	416.	416.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	1	6.78	6.78	6.78	6.78	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/92-07/24/92	1	6.78	6.78	6.78	6.78	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/92-07/24/92	1	0.166	0.166	0.166	0.166	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/92-07/24/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	07/24/92-07/24/92	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/24/92-07/24/92	1	69.1	69.1	69.1	69.1	0.	0.	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	07/24/92-07/24/92	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	07/24/92-07/24/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	07/24/92-07/24/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	1 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/92-07/24/92	1	195.	195.	195.	195.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/24/92-07/24/92	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	07/24/92-07/24/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	07/24/92-07/24/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	07/24/92-07/24/92	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	07/24/92-07/24/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	07/24/92-07/24/92	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	07/24/92-07/24/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	07/24/92-07/24/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	07/24/92-07/24/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	07/24/92-07/24/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	07/24/92-07/24/92	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	07/24/92-07/24/92	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/24/92-07/24/92	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	07/24/92-07/24/92	1	242.	242.	242.	242.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	07/24/92-07/24/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	07/24/92-07/24/92	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/24/92-07/24/92	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/24/92-07/24/92	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	07/24/92-07/24/92	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	07/24/92-07/24/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	07/24/92-07/24/92	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	07/24/92-07/24/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	07/24/92-07/24/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	07/24/92-07/24/92	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	07/24/92-07/24/92	1 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	07/24/92-07/24/92	1	5520.	5520.	5520.	5520.	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	07/24/92-07/24/92	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	0 &	0	0.00												
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	1	1.00	1	1	1.00									
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	1	0	0.00	1	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: KATM0046

NPS Station ID: KATM0046
LAT/LON: 59.062170/-154.917838
Agency: 11NPSWRD
Date Created: 03/13/99
Location: BATTLE LAKE
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_AMS_BAT
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 253
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMA (A-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT BATTLE LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. THE VALUE UPLOADED TO STORET IS THE MEAN OF TWO SAMPLES; WHERE EACH SAMPLE IS THE MEAN OF TWO REPLICATES. DATA ARE SUMMARIZED IN A 1992 REPORT TITLED "A CHEMICAL SURVEY OF REMOTE LAKES OF THE ALAGNAK AND NAKNEK RIVER SYSTEMS; SOUTHWEST ALASKA; U.S.A." BY ANDREW J. GUNTHER (APPLIED MARINE SCIENCES INC.; LIVERMORE CA). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	07/26/86-07/26/86	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/26/86-07/26/86	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/86-07/26/86	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/26/86-07/26/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/26/86-07/26/86	1	0.496	0.496	0.496	0.496	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/26/86-07/26/86	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/26/86-07/26/86	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/26/86-07/26/86	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/26/86-07/26/86	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/26/86-07/26/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/26/86-07/26/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/26/86-07/26/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/26/86-07/26/86	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/26/86-07/26/86	1	9.	9.	9.	9.	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	07/26/86-07/26/86	1	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
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									
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									

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

Station Inventory for Station: KATM0047

NPS Station ID: KATM0047
LAT/LON: 59.071948/-154.925393
Agency: 11NPSWRD
Date Created: 03/13/99
Location: BATTLE LAKE 1992 SAMPLING STATION
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_UAF_BL92
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BATTLE LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 6 AUGUST 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/92-08/06/92	13	8.8	9.	9.8	8.4	0.287	0.535	8.4	8.5	9.5	9.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/92-08/06/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/06/92-08/06/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/92-08/06/92	13	43.	41.846	49.	30.	48.308	6.95	30.8	35.5	48.5	49.
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/06/92-08/06/92	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/92-08/06/92	13	11.	10.931	11.	10.8	0.009	0.095	10.8	10.8	11.	11.
00406	PH, FIELD, STANDARD UNITS SU	08/06/92-08/06/92	13	6.6	6.646	6.8	6.6	0.004	0.066	6.6	6.6	6.7	6.76
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/06/92-08/06/92	13	6.6	6.642	6.8	6.6	0.004	0.066	6.6	6.6	6.7	6.76
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/92-08/06/92	13	0.251	0.228	0.251	0.158	0.001	0.032	0.175	0.2	0.251	0.251
00440	BICARBONATE ION (MG/L AS HCO3)	08/06/92-08/06/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/09/92-08/09/92	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/09/92-08/09/92	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/06/92-08/06/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/92-08/09/92	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/09/92-08/09/92	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/06/92-08/06/92	3	3.9	3.933	4.	3.9	0.003	0.058	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/06/92-08/06/92	3	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/06/92-08/06/92	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/06/92-08/06/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/92-08/06/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/92-08/06/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/06/92-08/06/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/06/92-08/06/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/06/92-08/06/92	3	22.	26.667	36.	22.	65.333	8.083	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/06/92-08/06/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/06/92-08/06/92	3 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/06/92-08/06/92	3 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/06/92-08/06/92	3	3.	3.	3.	3.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/06/92-08/06/92	3 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/06/92-08/06/92	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/06/92-08/06/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/06/92-08/06/92	3	2.9	3.2	4.2	2.5	0.79	0.889	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/06/92-08/06/92	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/06/92-08/06/92	3 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/06/92-08/06/92	3	15.	15.333	16.	15.	0.333	0.577	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/06/92-08/06/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/06/92-08/06/92	3	180.	176.667	190.	160.	233.333	15.275	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/06/92-08/06/92	3 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/06/92-08/06/92	3	60.	60.	60.	60.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/06/92-08/06/92	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/06/92-08/06/92	3 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/06/92-08/06/92	3	25.	25.	25.	25.	0.	0.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/06/92-08/06/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/06/92-08/06/92	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/06/92-08/06/92	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/06/92-08/06/92	3 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/09/92-08/09/92	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/06/92-08/06/92	3	2200.	2233.333	2300.	2200.	3333.333	57.735	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/06/92-08/06/92	1	0.073	0.073	0.073	0.073	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/06/92-08/06/92	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/92-08/06/92	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	13	0	0.00	13	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	13	0	0.00	13	0	0.00									
		Other-Lo Lim.	6.5	13	0	0.00	13	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	0 &	0	0.00												
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	3	3	1.00	3	3	1.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0048

NPS Station ID: KATM0048 | LAT/LON: 59.082698/-154.930838 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BATTLE LAKE STREAM 1 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_BL1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BATTLE LAKE STREAM 1 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/24/90-08/24/90	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/90-08/24/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/24/90-08/24/90	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/90-08/24/90	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/90-08/24/90	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/24/90-08/24/90	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/90-08/24/90	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/90-08/24/90	1	39.811	39.811	39.811	39.811	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/90-08/24/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/24/90-08/24/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/90-08/24/90	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/24/90-08/24/90	2	6.6	6.6	6.7	6.5	0.02	0.141	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/24/90-08/24/90	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/24/90-08/24/90	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/24/90-08/24/90	2 ##	0.4	0.4	0.6	0.2	0.08	0.283	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/90-08/24/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/90-08/24/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/24/90-08/24/90	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/24/90-08/24/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/24/90-08/24/90	2	215.	215.	220.	210.	50.	7.071	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/24/90-08/24/90	2 ##	35.	35.	35.	35.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/24/90-08/24/90	2 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/24/90-08/24/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/24/90-08/24/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/24/90-08/24/90	2 ##	0.425	0.425	0.6	0.25	0.061	0.247	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/24/90-08/24/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/24/90-08/24/90	2	10.2	10.2	11.	9.4	1.28	1.131	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/24/90-08/24/90	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/24/90-08/24/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/24/90-08/24/90	2	31.	31.	31.	31.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/24/90-08/24/90	2	19.5	19.5	25.	14.	60.5	7.778	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/24/90-08/24/90	2	3835.	3835.	3850.	3820.	450.	21.213	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/24/90-08/24/90	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/24/90-08/24/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/24/90-08/24/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/24/90-08/24/90	2	84.	84.	85.	83.	2.	1.414	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/24/90-08/24/90	2 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/24/90-08/24/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/24/90-08/24/90	2	5500.	5500.	5550.	5450.	5000.	70.711	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	08/24/90-08/24/90	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/24/90-08/24/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/90-08/24/90	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0048

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
82079 TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0049

NPS Station ID: KATM0049 | LAT/LON: 57.975004/-154.940004 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_12
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KARLUCK AK 1:250000 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	15.36	15.36	15.36	15.36	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.79	5.79	5.79	5.79	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	4.18	4.18	4.18	4.18	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	4.82	4.82	4.82	4.82	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/17/89-08/17/89	1	3.55	3.55	3.55	3.55	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	26.7	26.7	26.7	26.7	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	50.1	50.1	50.1	50.1	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	26.25	26.25	26.25	26.25	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	89.6	89.6	89.6	89.6	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	29.6	29.6	29.6	29.6	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	98.9	98.9	98.9	98.9	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	20.	20.	20.	20.	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	41.1	41.1	41.1	41.1	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	268.8	268.8	268.8	268.8	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	30.5	30.5	30.5	30.5	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	15.8	15.8	15.8	15.8	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	16.35	16.35	16.35	16.35	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	21.9	21.9	21.9	21.9	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	17.03	17.03	17.03	17.03	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	31.	31.	31.	31.	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	52.95	52.95	52.95	52.95	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	105.44	105.44	105.44	105.44	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	3.92	3.92	3.92	3.92	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	45.2	45.2	45.2	45.2	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	26.9	26.9	26.9	26.9	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	34.83	34.83	34.83	34.83	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	15.31	15.31	15.31	15.31	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	14.35	14.35	14.35	14.35	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	26.9	26.9	26.9	26.9	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	25.36	25.36	25.36	25.36	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0050

NPS Station ID: KATM0050 | LAT/LON: 57.954198/-154.941699 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_06
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KARLUCK AK 1:250000 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	1.78	1.78	1.78	1.78	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	1.09	1.09	1.09	1.09	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.84	5.84	5.84	5.84	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	4.58	4.58	4.58	4.58	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/17/89-08/17/89	1	3.99	3.99	3.99	3.99	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	34.72	34.72	34.72	34.72	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	64.11	64.11	64.11	64.11	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	14.19	14.19	14.19	14.19	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	25.44	25.44	25.44	25.44	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	115.47	115.47	115.47	115.47	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	17.6	17.6	17.6	17.6	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	36.42	36.42	36.42	36.42	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	129.68	129.68	129.68	129.68	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	26.56	26.56	26.56	26.56	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	40.42	40.42	40.42	40.42	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	327.68	327.68	327.68	327.68	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	41.1	41.1	41.1	41.1	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	20.9	20.9	20.9	20.9	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	21.63	21.63	21.63	21.63	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	25.7	25.7	25.7	25.7	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	24.79	24.79	24.79	24.79	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	69.2	69.2	69.2	69.2	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	63.61	63.61	63.61	63.61	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	126.87	126.87	126.87	126.87	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.06	5.06	5.06	5.06	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	27.1	27.1	27.1	27.1	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	34.6	34.6	34.6	34.6	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	40.92	40.92	40.92	40.92	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	18.89	18.89	18.89	18.89	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	17.31	17.31	17.31	17.31	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	30.95	30.95	30.95	30.95	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	29.31	29.31	29.31	29.31	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0051

NPS Station ID: KATM0051 | LAT/LON: 58.942170/-154.942143 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK LAKE STREAM 9 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_KL09
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-3) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE STREAM 9 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/92-07/24/92	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/92-07/24/92	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0051

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0052

NPS Station ID: KATM0052 | LAT/LON: 59.087865/-154.945976 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BATTLE LAKE 1991 SAMPLING STATION | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UAF_BL91
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BATTLE LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 25 JULY 1991 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/91-07/25/91	13	8.9	7.946	9.2	4.8	2.968	1.723	4.84	6.35	9.2	9.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/25/91-07/25/91	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/25/91-07/25/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/91-07/25/91	13	61.	60.231	75.	46.	80.192	8.955	47.2	52.	68.	72.6
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	07/25/91-07/25/91	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/25/91-07/25/91	13	11.3	11.354	11.9	11.	0.081	0.285	11.04	11.15	11.6	11.86
00406	PH, FIELD, STANDARD UNITS SU	07/25/91-07/25/91	13	7.4	7.431	7.8	7.1	0.046	0.214	7.14	7.3	7.65	7.76
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/25/91-07/25/91	13	7.4	7.385	7.8	7.1	0.048	0.219	7.14	7.3	7.65	7.76
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/91-07/25/91	13	0.04	0.041	0.079	0.016	0.	0.019	0.017	0.023	0.05	0.073
00440	BICARBONATE ION (MG/L AS HCO3)	08/03/90-08/03/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/25/91-07/25/91	11	0.21	0.234	0.37	0.16	0.004	0.065	0.166	0.19	0.25	0.364
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/25/91-07/25/91	11	1.77	1.802	3.59	0.16	0.704	0.839	0.368	1.27	2.21	3.336
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	07/25/91-07/26/91	33 ##	45.	45.	45.	45.	0.	0.	45.	45.	45.	45.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/25/91-07/25/91	11	0.004	0.004	0.005	0.002	0.	0.001	0.002	0.003	0.004	0.005
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/25/91-07/25/91	11	0.005	0.006	0.012	0.003	0.	0.003	0.003	0.004	0.008	0.011
00916	CALCIUM, TOTAL (MG/L AS CA)	07/25/91-07/26/91	33	3.7	3.636	3.9	2.9	0.027	0.165	3.5	3.6	3.7	3.76
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	07/25/91-07/26/91	33	0.7	0.727	0.8	0.6	0.003	0.052	0.7	0.7	0.8	0.8
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	07/25/91-07/26/91	33	2.	1.97	2.	1.	0.03	0.174	2.	2.	2.	2.
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	07/25/91-07/26/91	33	0.3	0.25	0.6	0.1	0.019	0.138	0.1	0.1	0.3	0.4
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/90-08/03/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/03/90-08/03/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/25/91-07/26/91	33 ##	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.

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

Parameter Inventory for Station: KATM0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	07/25/91-07/26/91	33 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	07/25/91-07/26/91	33	17.	16.909	34.	9.	35.273	5.939	10.	10.	20.	23.6
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	07/25/91-07/26/91	33 ##	20.	20.303	25.	20.	1.468	1.212	20.	20.	20.	20.
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	07/25/91-07/26/91	33 ##	20.	21.212	40.	20.	23.485	4.846	20.	20.	20.	20.
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	07/25/91-07/26/91	33 ##	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	07/25/91-07/26/91	33 ##	1.	1.152	3.	1.	0.195	0.442	1.	1.	1.	2.
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	07/25/91-07/26/91	33 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	07/25/91-07/26/91	33 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	07/25/91-07/26/91	33 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	07/25/91-07/26/91	33	3.5	3.485	3.7	2.7	0.035	0.187	3.34	3.4	3.6	3.7
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	07/25/91-07/26/91	33 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/25/91-07/26/91	33 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	07/25/91-07/26/91	33	15.	14.848	16.	12.	0.508	0.712	14.	15.	15.	15.6
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	07/25/91-07/26/91	33 ##	1.	2.076	8.	1.	3.283	1.812	1.	1.	2.5	5.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	07/25/91-07/26/91	33	40.	48.303	110.	10.	722.655	26.882	14.	30.	62.5	97.2
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/25/91-07/26/91	33 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/25/91-07/26/91	33 ##	20.	21.818	40.	20.	34.091	5.839	20.	20.	20.	32.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	07/25/91-07/26/91	33 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	07/25/91-07/26/91	33 ##	1.	1.394	4.	1.	0.934	0.966	1.	1.	1.	3.6
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	07/25/91-07/26/91	33	24.	24.273	29.	21.	3.642	1.908	21.4	23.	25.	27.2
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	07/25/91-07/26/91	33 ##	2.5	2.606	6.	2.5	0.371	0.609	2.5	2.5	2.5	2.5
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	07/25/91-07/26/91	33 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01154	TUNGSTEN, TOTAL (UG/L AS W)	07/25/91-07/26/91	33 ##	5.	5.303	10.	5.	1.468	1.212	5.	5.	5.	5.
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	07/25/91-07/26/91	33 ##	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	07/25/91-07/26/91	33	2.15	203.452	2260.	1.69	418071.1	646.584	2.064	2.115	2.18	1308.932
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	07/25/91-07/25/91	1	0.057	0.057	0.057	0.057	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	07/25/91-07/26/91	33 ##	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/25/91-07/25/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	13	0	0.00	13	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	13	0	0.00	13	0	0.00									
		Other-Lo Lim.	6.5	13	0	0.00	13	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	33	0	0.00	33	0	0.00									
		Drinking Water	50.	33	0	0.00	33	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	33	0	0.00	33	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	33	0	0.00	33	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	33	0	0.00	33	0	0.00									
		Drinking Water	4.	33	0	0.00	33	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	33	0	0.00	33	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	33	0	0.00	33	0	0.00									
		Drinking Water	100.	33	0	0.00	33	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	33	0	0.00	33	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	33	0	0.00	33	0	0.00									
		Drinking Water	5000.	33	0	0.00	33	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	33	0	0.00	33	0	0.00									
		Drinking Water	5.	33	0	0.00	33	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	33	0	0.00	33	0	0.00									
		Drinking Water	15.	3 &	3	1.00	3	3	1.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	33	0	0.00	33	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	33	0	0.00	33	0	0.00									
		Drinking Water	1300.	33	0	0.00	33	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	33	0	0.00	33	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0053

NPS Station ID: KATM0053 LAT/LON: 59.090003/-154.956671 Agency: 11NPSWRD Date Created: 03/27/99
Location: BATTLE LAKE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_NPS_BAT
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030206 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BATTLE LAKE AND IS LOCATED INSIDE THE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. DATA ARE FROM THE KATM WATER QUALITY DATA BASE AND WERE COLLECTED FROM 1994 THROUGH 1997 BY KATM STAFF AS PART OF AN ON GOING STUDY TO MONITOR WATER QUALITY OF THE 11 LARGE KATM LAKES. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0053

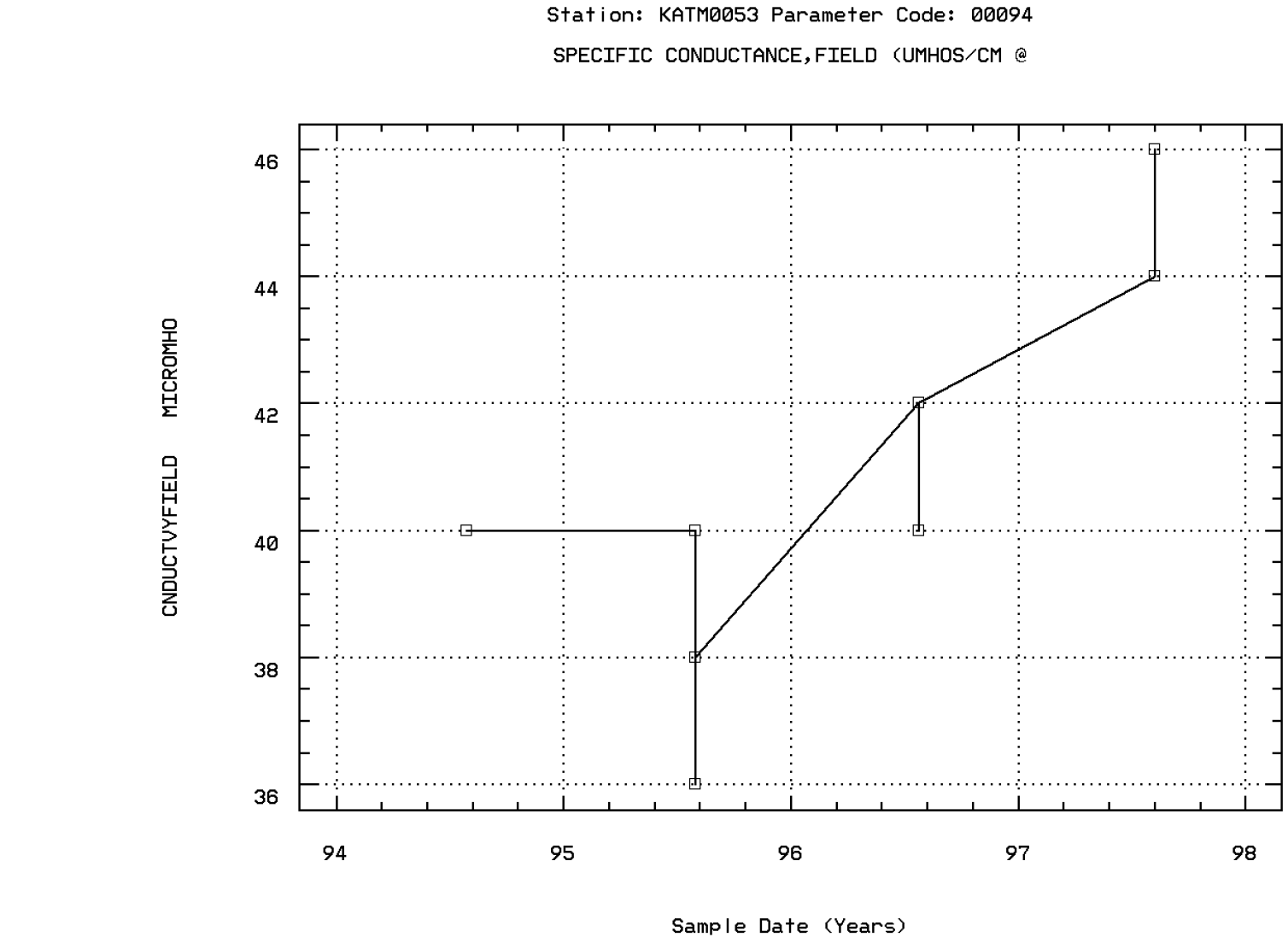
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	46	9.2	9.8	13.7	6.8	3.634	1.906	7.91	8.675	10.825	13.63
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-08/07/97	5	22.6	21.76	28.1	13.	38.753	6.225	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	46	40.	41.13	46.	36.	6.16	2.482	39.4	40.	42.5	44.6
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-08/07/97	33	11.2	11.436	13.8	10.9	0.511	0.715	11.	11.1	11.4	12.86
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	46	99.9	101.97	116.3	93.9	49.227	7.016	94.97	97.	104.575	113.8
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	46	6.975	6.954	7.38	6.52	0.048	0.22	6.638	6.815	7.13	7.224
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/07/97	46	6.975	6.899	7.38	6.52	0.051	0.226	6.638	6.815	7.13	7.224
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/07/97	46	0.106	0.126	0.302	0.042	0.004	0.066	0.06	0.074	0.153	0.23
00480p	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	46 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

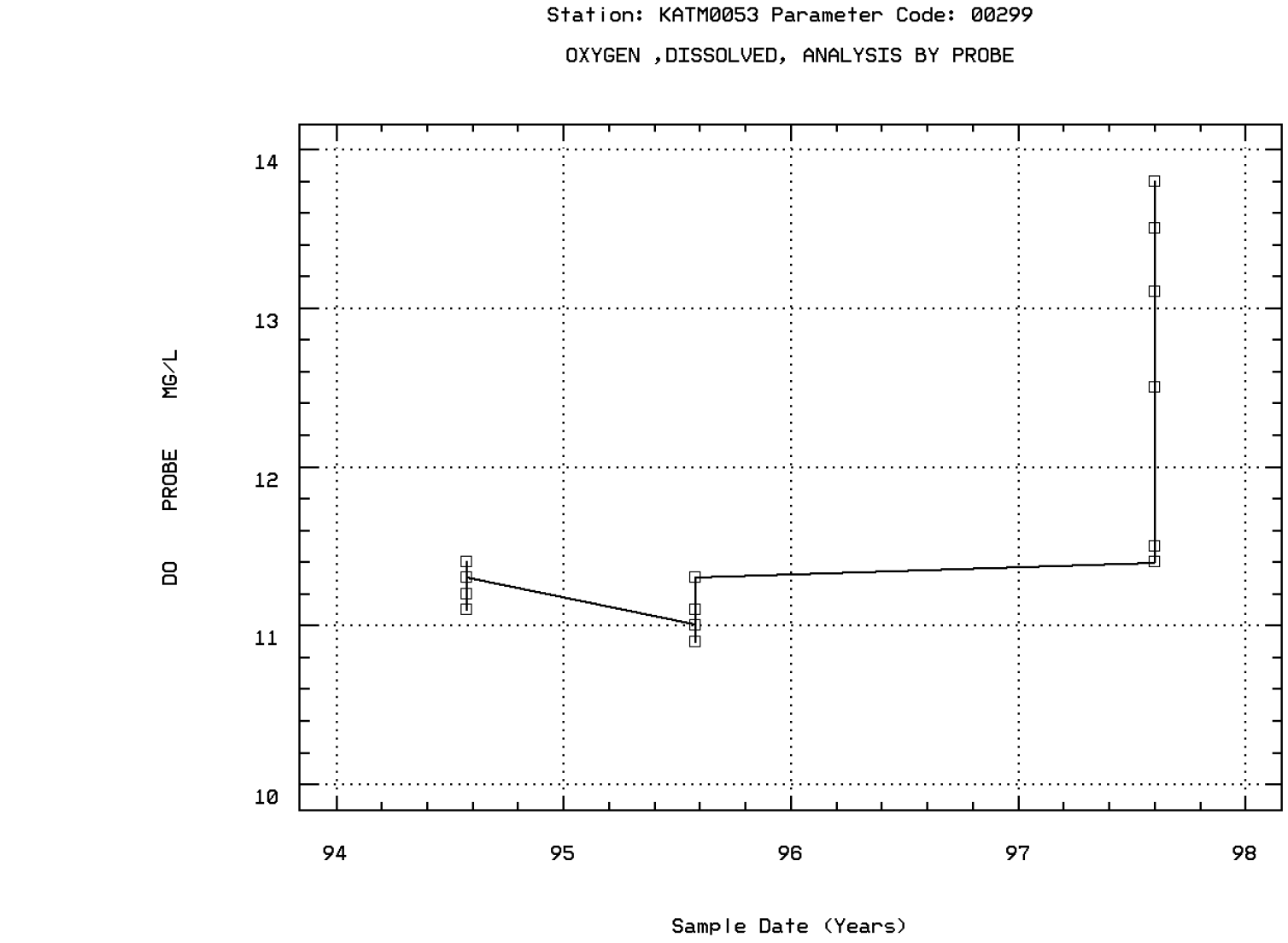
EPA Water Quality Criteria Analysis for Station: KATM0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	33	0	0.00	33	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	46	0	0.00	46	0	0.00									
		Other-Lo Lim.	6.5	46	0	0.00	46	0	0.00									

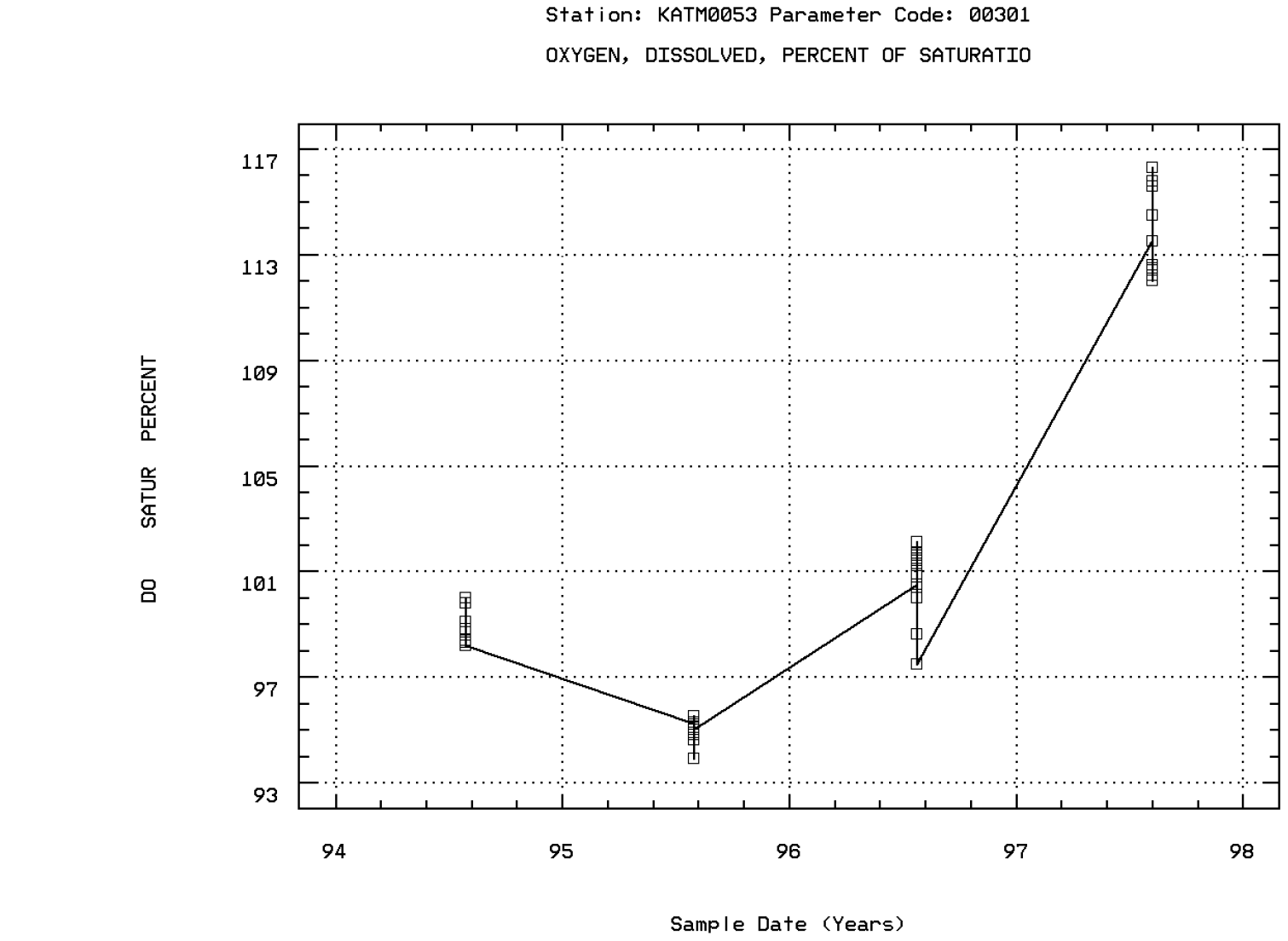
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter


Station: KATM0053 Parameter Code: 00094
SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @
CNDUCTVYFIELD MICROMHO
46
44
42
40
38
36
94
95
96
97
98
Sample Date (Years)

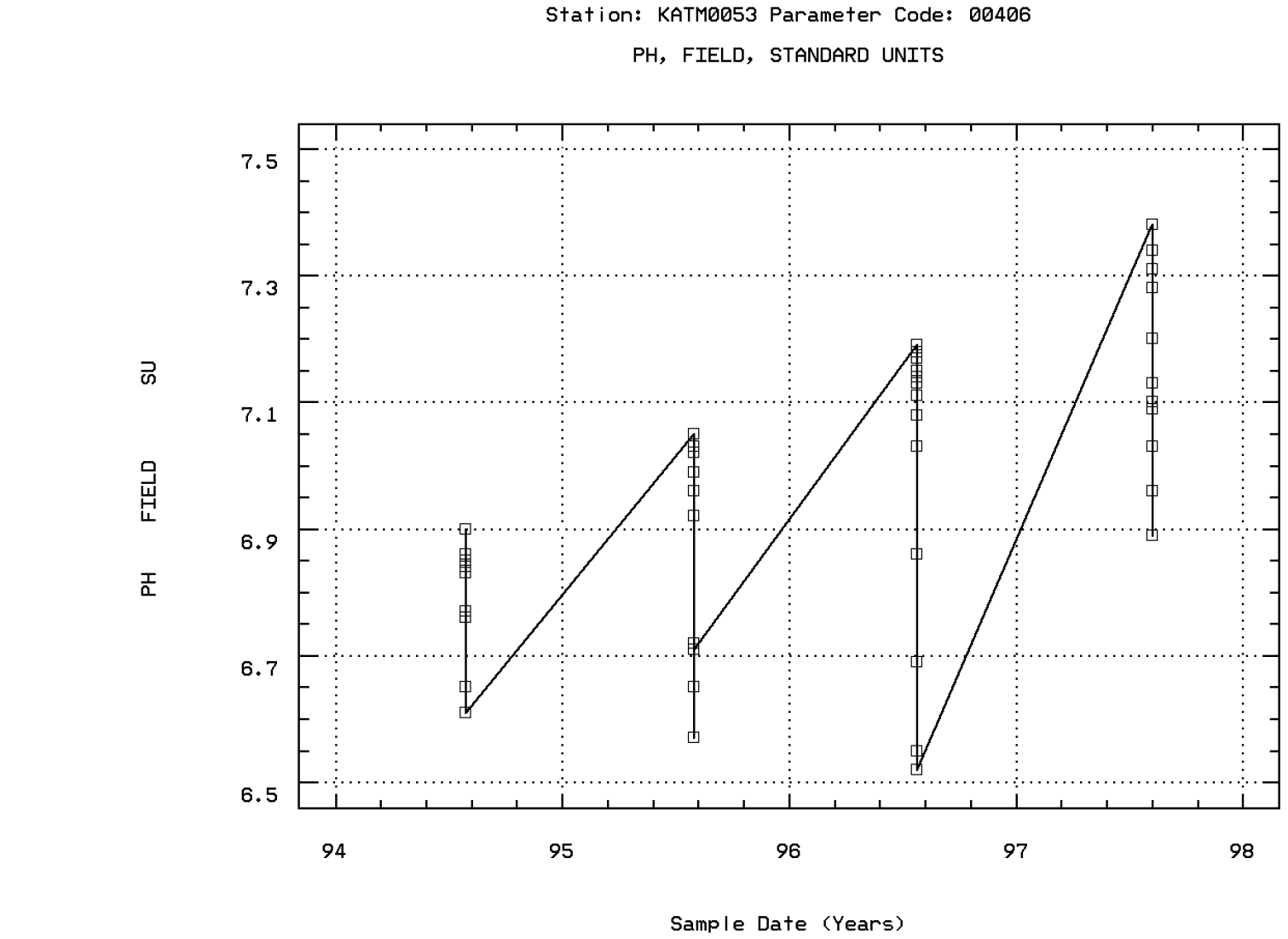
BATTLE LAKE


Station: KATM0053 Parameter Code: 00299
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE
DO PROBE MG/L
14
13
12
11
10
94
95
96
97
98
Sample Date (Years)

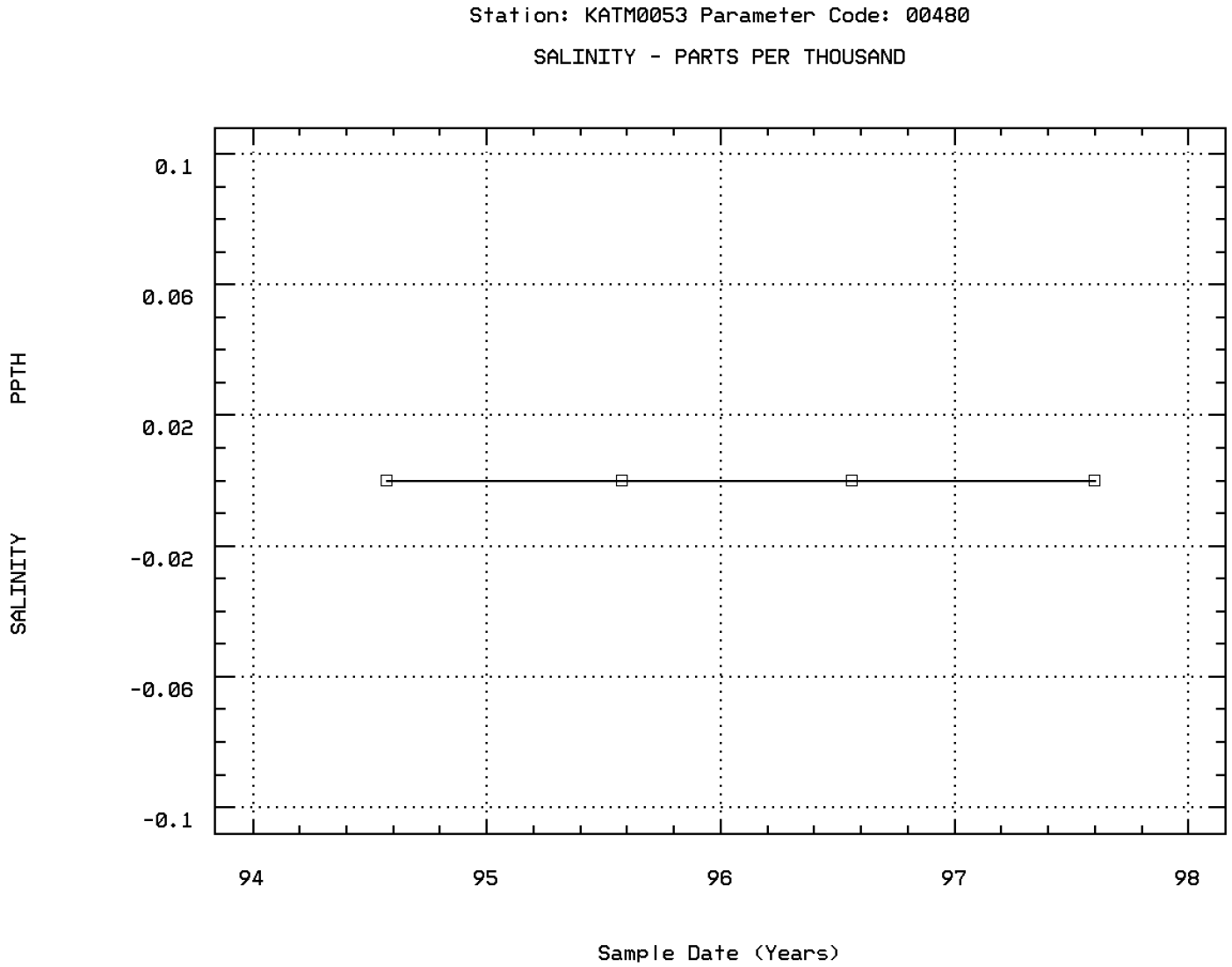
BATTLE LAKE


Station: KATM0053 Parameter Code: 00301
OXYGEN, DISSOLVED, PERCENT OF SATURATIO
DO SATUR PERCENT
117
113
109
105
101
97
93
94
95
96
97
98
Sample Date (Years)

BATTLE LAKE


Station: KATM0053 Parameter Code: 00406
PH, FIELD, STANDARD UNITS
PH FIELD SU
7.5
7.3
7.1
6.9
6.7
6.5
94
95
96
97
98
Sample Date (Years)

BATTLE LAKE


Station: KATM0053 Parameter Code: 00480
SALINITY - PARTS PER THOUSAND
SALINITY PPTH
0.1
0.06
0.02
-0.02
-0.06
-0.1
94
95
96
97
98
Sample Date (Years)

BATTLE LAKE

Annual Analysis for 1994 - Station KATM0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	11	8.9	8.782	9.2	8.	0.234	0.483	8.02	8.2	9.2	9.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	11	40.	40.	40.	40.	0.	0.	40.	40.	40.	40.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	11	98.8	98.9	100.	98.2	0.362	0.602	98.22	98.3	99.1	99.96
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	11	6.84	6.797	6.9	6.61	0.008	0.092	6.618	6.76	6.86	6.892
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/07/97	11	6.84	6.788	6.9	6.61	0.009	0.093	6.618	6.76	6.86	6.892
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/07/97	11	0.145	0.163	0.245	0.126	0.001	0.038	0.128	0.138	0.174	0.241
00480p	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	11 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

Annual Analysis for 1995 - Station KATM0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	11	8.9	8.909	9.2	8.	0.131	0.362	8.12	8.8	9.2	9.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	11	40.	38.727	40.	36.	3.418	1.849	36.	36.	40.	40.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	11	95.	94.936	95.5	93.9	0.177	0.42	94.04	94.8	95.2	95.46
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	11	6.96	6.874	7.05	6.57	0.031	0.175	6.586	6.71	7.02	7.046
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/07/97	11	6.96	6.84	7.05	6.57	0.032	0.179	6.586	6.71	7.02	7.046
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/07/97	11	0.11	0.145	0.269	0.089	0.004	0.063	0.09	0.095	0.195	0.26
00480p	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	11 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

Annual Analysis for 1996 - Station KATM0053

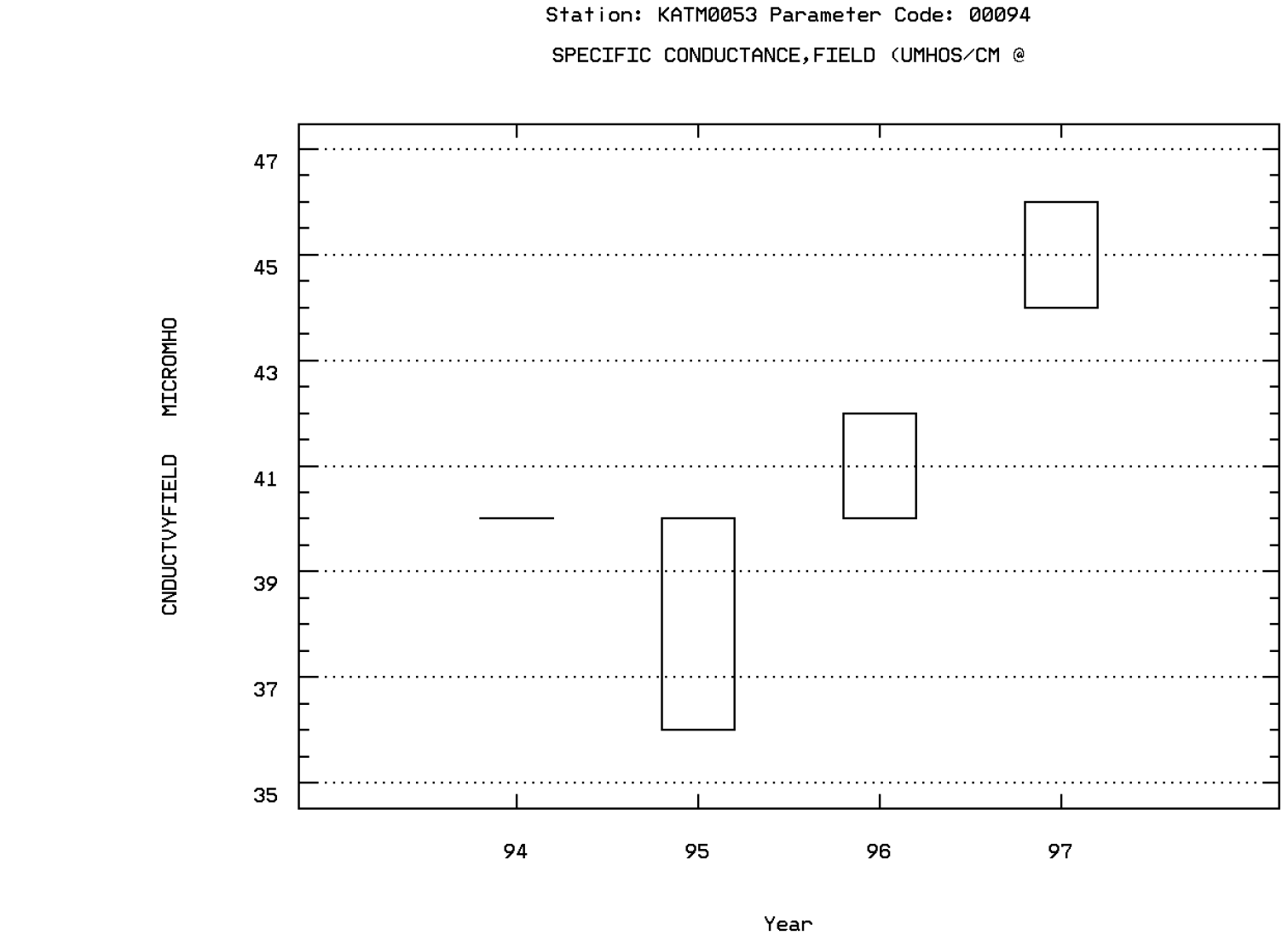
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	13	10.4	9.785	11.	7.1	2.046	1.431	7.22	8.4	10.9	10.96
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	13	42.	41.077	42.	40.	1.077	1.038	40.	40.	42.	42.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	13	101.2	100.662	102.1	97.5	1.724	1.313	97.94	100.2	101.55	101.94
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	13	7.11	6.985	7.19	6.52	0.06	0.245	6.532	6.775	7.16	7.186
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/07/97	13	7.11	6.911	7.19	6.52	0.066	0.257	6.532	6.775	7.16	7.186
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/07/97	13	0.078	0.123	0.302	0.065	0.007	0.085	0.065	0.069	0.171	0.294
00480p	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	13 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

Annual Analysis for 1997 - Station KATM0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	11	13.4	11.727	13.7	6.8	7.434	2.727	6.98	8.9	13.7	13.7
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	11	44.	44.727	46.	44.	1.018	1.009	44.	44.	46.	46.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	11	112.6	113.618	116.3	112.	2.656	1.63	112.04	112.4	115.6	116.2
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	11	7.13	7.155	7.38	6.89	0.026	0.161	6.904	7.03	7.31	7.372
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/07/97	11	7.13	7.128	7.38	6.89	0.027	0.163	6.904	7.03	7.31	7.372
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/07/97	11	0.074	0.074	0.129	0.042	0.001	0.028	0.042	0.049	0.093	0.125
00480p	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	11 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

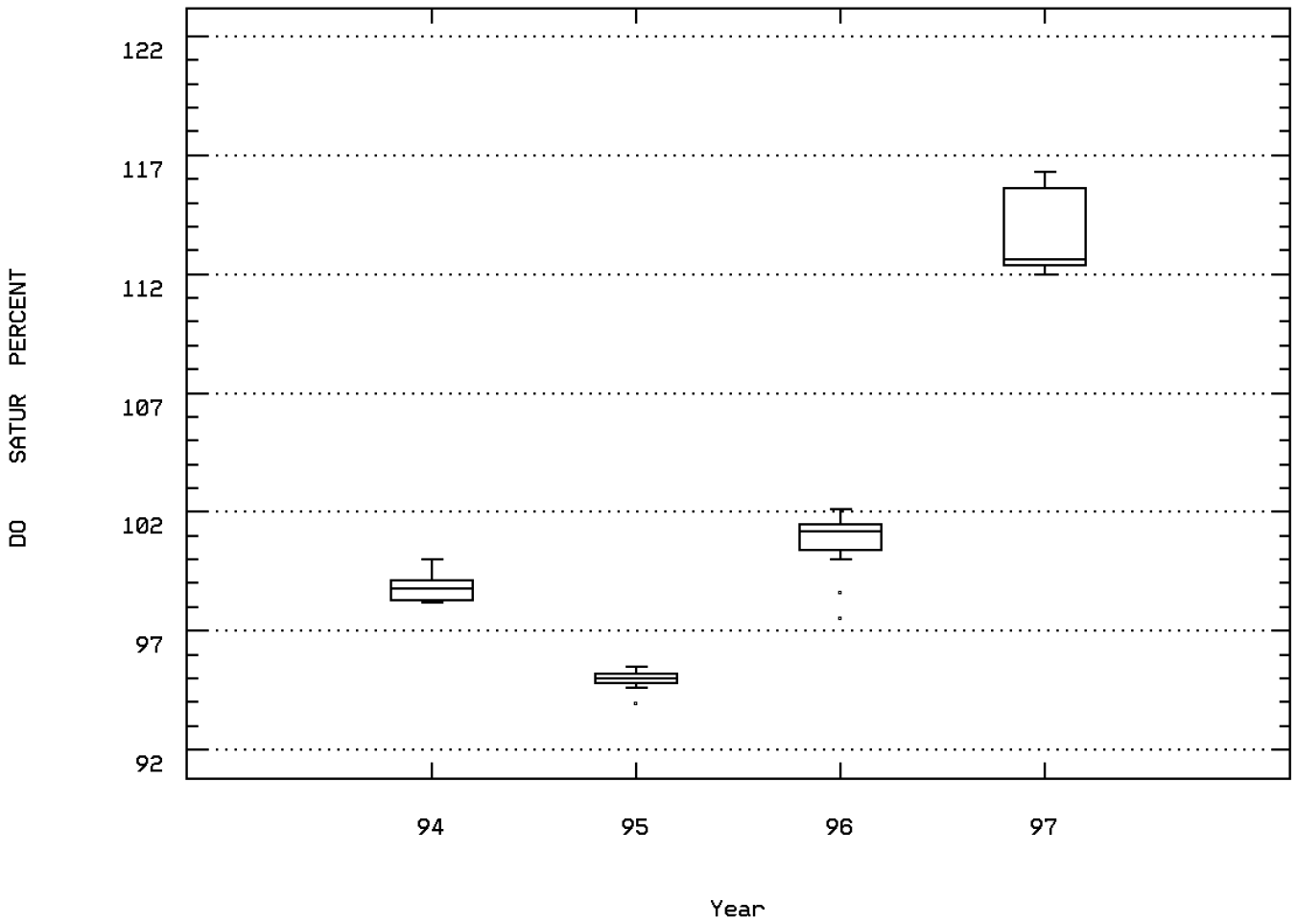
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot


Station: KATM0053 Parameter Code: 00094
SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @
CNDUCTVYFIELD MICROMHO
47
45
43
41
39
37
35
94
95
96
97
Year

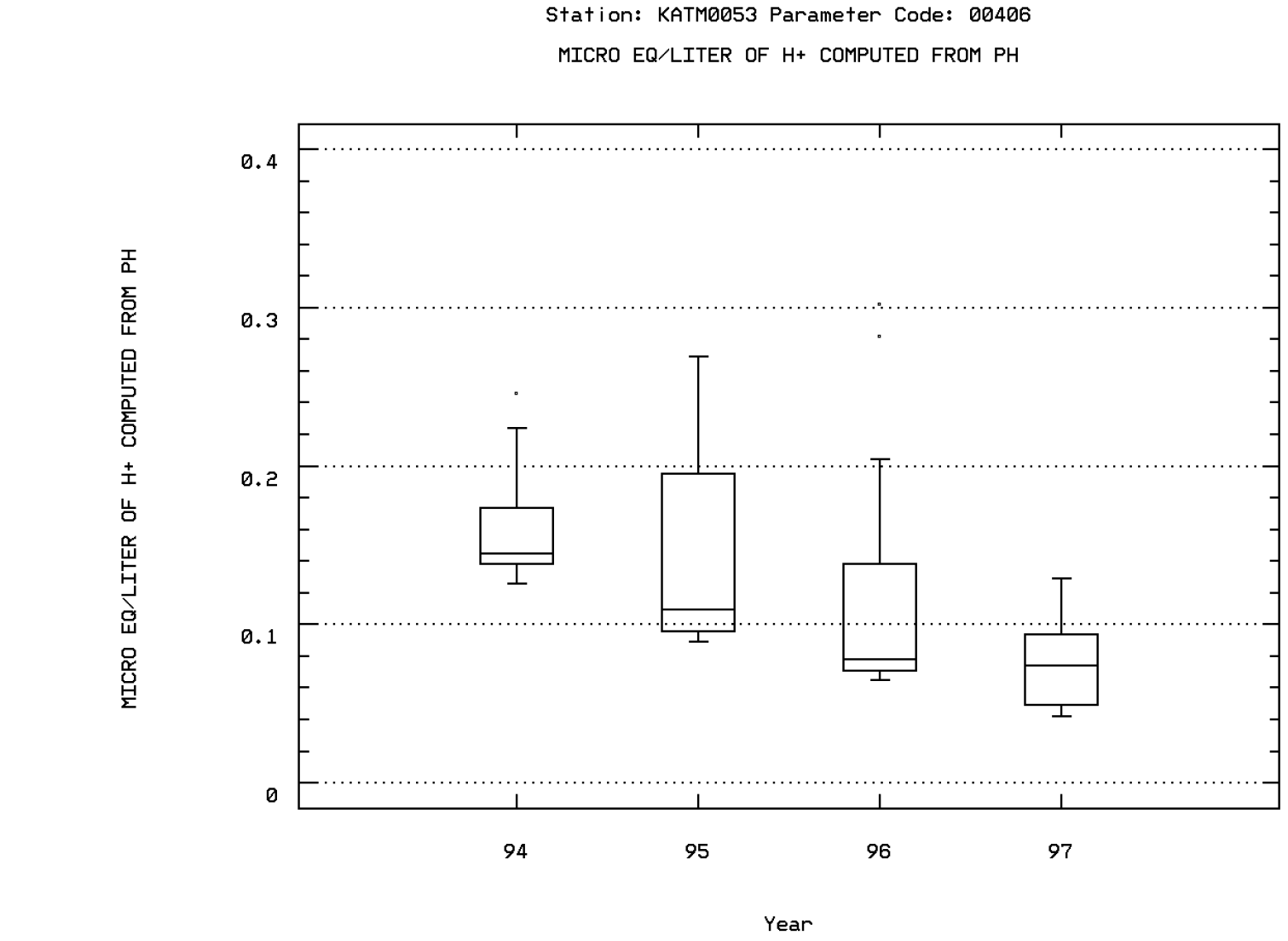
BATTLE LAKE

Station: KATM0053 Parameter Code: 00301

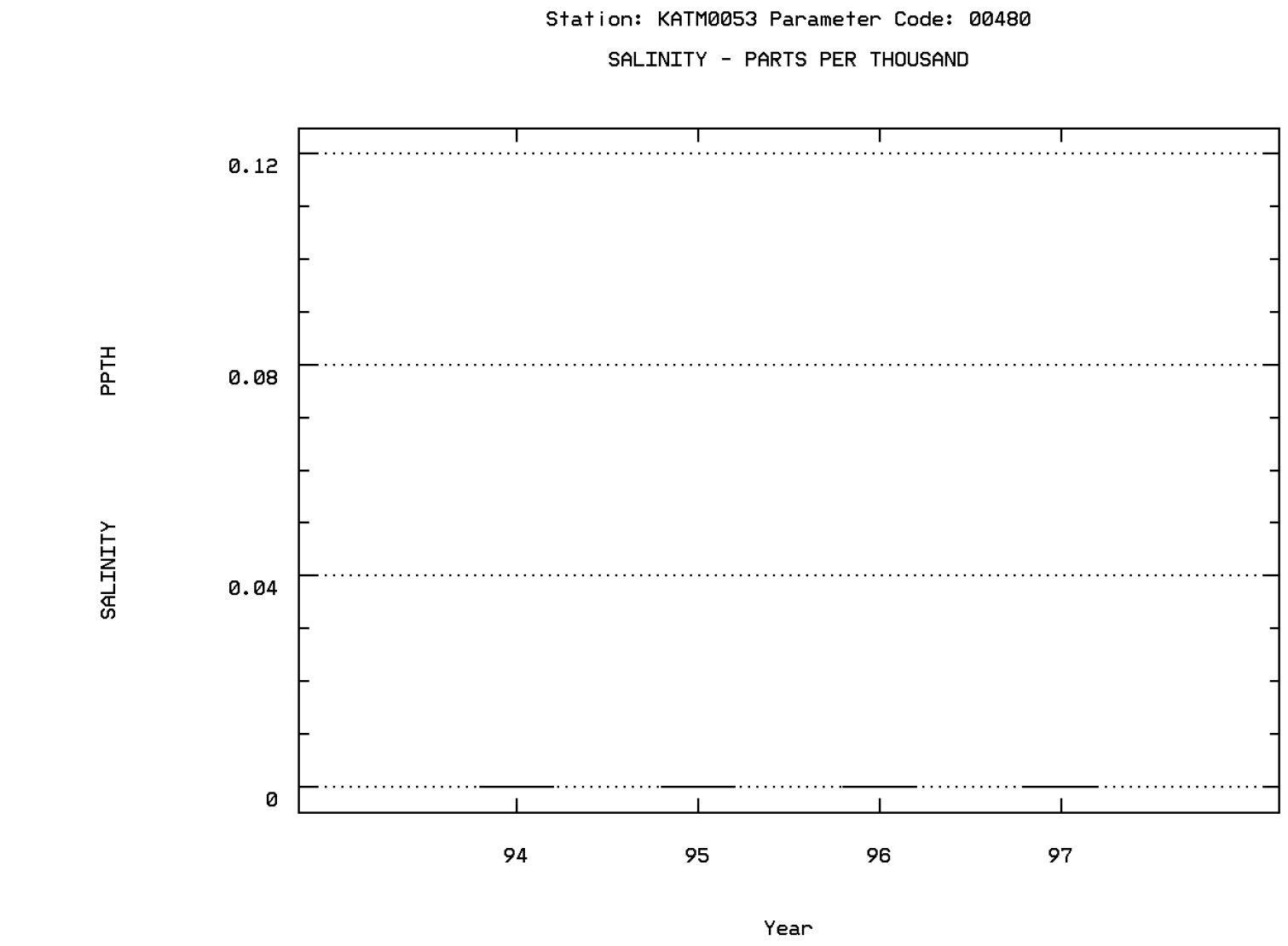
OXYGEN, DISSOLVED, PERCENT OF SATURATIO



BATTLE LAKE


Station: KATM0053 Parameter Code: 00406
MICRO EQ/LITER OF H+ COMPUTED FROM PH
MICRO EQ/LITER OF H+ COMPUTED FROM PH
0.4
0.3
0.2
0.1
0
94
95
96
97
Year

BATTLE LAKE


Station: KATM0053 Parameter Code: 00480
SALINITY - PARTS PER THOUSAND
SALINITY
PPTH
0.12
0.08
0.04
0
94
95
96
97
Year

BATTLE LAKE

Station Inventory for Station: KATM0054

NPS Station ID: KATM0054 | LAT/LON: 59.089059/-154.964060 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BATTLE LAKE STREAM 5 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_BL5
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BATTLE LAKE STREAM 5 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/27/90-08/27/90	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/90-08/27/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/27/90-08/27/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/27/90-08/27/90	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/90-08/27/90	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/27/90-08/27/90	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/27/90-08/27/90	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/90-08/27/90	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/27/90-08/27/90	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/27/90-08/27/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/27/90-08/27/90	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/27/90-08/27/90	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/27/90-08/27/90	2	10.95	10.95	11.3	10.6	0.245	0.495	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/27/90-08/27/90	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/27/90-08/27/90	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/27/90-08/27/90	2 ##	0.4	0.4	0.6	0.2	0.08	0.283	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/90-08/27/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/90-08/27/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/27/90-08/27/90	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/27/90-08/27/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/27/90-08/27/90	2	27.5	27.5	35.	20.	112.5	10.607	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/27/90-08/27/90	2 ##	35.	35.	35.	35.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/27/90-08/27/90	2 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/27/90-08/27/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/27/90-08/27/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/27/90-08/27/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/27/90-08/27/90	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/27/90-08/27/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/27/90-08/27/90	2	6.1	6.1	7.4	4.8	3.38	1.838	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/27/90-08/27/90	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/27/90-08/27/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/27/90-08/27/90	2	43.5	43.5	44.	43.	0.5	0.707	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/27/90-08/27/90	2	12.5	12.5	21.	4.	144.5	12.021	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/27/90-08/27/90	2	155.	155.	160.	150.	50.	7.071	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/27/90-08/27/90	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/27/90-08/27/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/27/90-08/27/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/27/90-08/27/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/27/90-08/27/90	2	16.	16.	17.	15.	2.	1.414	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/27/90-08/27/90	2 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/27/90-08/27/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/27/90-08/27/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/90-08/27/90	2	3960.	3960.	3980.	3940.	800.	28.284	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	08/27/90-08/27/90	1	0.73	0.73	0.73	0.73	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/27/90-08/27/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/27/90-08/27/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0054

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
82079 TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0055

NPS Station ID: KATM0055
LAT/LON: 58.263338/-154.965005
Agency: 11NPSWRD
Date Created: 03/13/99
Location: KATMAI CALDERA LAKE (CRATER LAKE)
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_KEITH_M2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-3) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT KATMAI CALDERA LAKE AT AN UPWELLING ZONE SOUTHWEST OF THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY R.J. MOTOYKA ON 7 JULY 1975 AS PART OF A GEOTHERMAL STUDY OF KATMAI CALDERA LAKE. RESULTS WERE SUMMARIZED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/75-07/07/75	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/07/75-07/07/75	1	6580.	6580.	6580.	6580.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/07/75-07/07/75	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/75-07/07/75	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/75-07/07/75	1	7943.282	7943.282	7943.282	7943.282	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/07/75-07/07/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/07/75-07/07/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/75-07/07/75	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/07/75-07/07/75	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/07/75-07/07/75	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/75-07/07/75	1	760.	760.	760.	760.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/07/75-07/07/75	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/07/75-07/07/75	1	1350.	1350.	1350.	1350.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/07/75-07/07/75	1	1250.	1250.	1250.	1250.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/07/75-07/07/75	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/07/75-07/07/75	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/07/75-07/07/75	1	12000.	12000.	12000.	12000.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/07/75-07/07/75	1	920.	920.	920.	920.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	1	1.00										1	1	1.00
		Drinking Water	250.	1	1	1.00										1	1	1.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00										1	1	1.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0056

NPS Station ID: KATM0056
LAT/LON: 58.951115/-154.965976
Agency: 11NPSWRD
Date Created: 03/13/99
Location: KULIK LAKE STREAM 10
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_UAF_KL10
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-3) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE STREAM 10 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	1	7.61	7.61	7.61	7.61	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/92-07/24/92	1	7.61	7.61	7.61	7.61	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/92-07/24/92	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0056

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0057

NPS Station ID: KATM0057
LAT/LON: 58.267171/-154.970005
Agency: 11NPSWRD
Date Created: 03/13/99
Location: KATMAI CALDERA LAKE (CRATER LAKE)
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_KEITH_M5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-3) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT KATMAI CALDERA LAKE NEAR AN UPWELLING ZONE SOUTHWEST OF THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY R.J. MOTOYKA ON 7 JULY 1975 AS PART OF A GEOTHERMAL STUDY OF KATMAI CALDERA LAKE. RESULTS WERE SUMMARIZED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/75-07/07/75	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/07/75-07/07/75	1	7580.	7580.	7580.	7580.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/07/75-07/07/75	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/07/75-07/07/75	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/75-07/07/75	1	12589.254	12589.254	12589.254	12589.254	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/07/75-07/07/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/07/75-07/07/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/75-07/07/75	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/07/75-07/07/75	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/07/75-07/07/75	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/75-07/07/75	1	590.	590.	590.	590.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/07/75-07/07/75	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/07/75-07/07/75	1	1750.	1750.	1750.	1750.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/07/75-07/07/75	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/07/75-07/07/75	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/07/75-07/07/75	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/07/75-07/07/75	1	14000.	14000.	14000.	14000.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/07/75-07/07/75	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	1	1.00										1	1	1.00
		Drinking Water	250.	1	1	1.00										1	1	1.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00										1	1	1.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0058

NPS Station ID: KATM0058 | LAT/LON: 58.965115/-154.970699 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK LAKE 1992 SAMPLING STATION | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UAF_KL92
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-3) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 6 AUGUST 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/92-08/06/92	14	10.35	9.443	10.4	7.4	1.43	1.196	7.4	8.475	10.4	10.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/92-08/06/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/06/92-08/06/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/92-08/06/92	14	36.5	36.429	42.	28.	28.879	5.374	28.5	30.75	42.	42.
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/06/92-08/06/92	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/92-08/06/92	14	11.05	11.	11.2	10.7	0.042	0.204	10.75	10.8	11.2	11.2
00406	PH, FIELD, STANDARD UNITS SU	08/06/92-08/06/92	14	6.4	6.4	6.5	6.3	0.002	0.039	6.35	6.4	6.4	6.45
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/06/92-08/06/92	14	6.4	6.398	6.5	6.3	0.002	0.039	6.35	6.4	6.4	6.45
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/92-08/06/92	14	0.398	0.4	0.501	0.316	0.001	0.036	0.357	0.398	0.398	0.45
00440	BICARBONATE ION (MG/L AS HCO3)	08/06/92-08/06/92	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/06/92-08/06/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/06/92-08/06/92	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/06/92-08/06/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/92-08/06/92	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/06/92-08/06/92	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/06/92-08/06/92	3	4.3	4.3	4.4	4.2	0.01	0.1	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/06/92-08/06/92	3	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/06/92-08/06/92	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/06/92-08/06/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/92-08/06/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/92-08/06/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/06/92-08/06/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/06/92-08/06/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/06/92-08/06/92	3 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/06/92-08/06/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/06/92-08/06/92	3 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/06/92-08/06/92	3 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/06/92-08/06/92	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/06/92-08/06/92	3 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/06/92-08/06/92	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/06/92-08/06/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/06/92-08/06/92	3	2.5	2.533	2.8	2.3	0.063	0.252	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/06/92-08/06/92	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/06/92-08/06/92	3 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/06/92-08/06/92	3	15.	14.667	15.	14.	0.333	0.577	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/06/92-08/06/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/06/92-08/06/92	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/06/92-08/06/92	3 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/06/92-08/06/92	3 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/06/92-08/06/92	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/06/92-08/06/92	3 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/06/92-08/06/92	3	2.	1.5	2.	0.5	0.75	0.866	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/06/92-08/06/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/06/92-08/06/92	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/06/92-08/06/92	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/06/92-08/06/92	3 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/06/92-08/06/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/06/92-08/06/92	3	2000.	2033.333	2100.	2000.	3333.333	57.735	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/06/92-08/06/92	1	0.135	0.135	0.135	0.135	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/06/92-08/06/92	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/92-08/06/92	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	14	0	0.00	14	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	14	0	0.00	14	0	0.00									
		Other-Lo Lim.	6.5	14	14	1.00	14	14	1.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	0 &	0	0.00												
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0059

NPS Station ID: KATM0059 LAT/LON: 59.094115/-154.973727 Agency: 11NPSWRD Date Created: 03/13/99
Location: BATTLE LAKE WEST FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_UCB_BLW
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030206 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT BATTLE LAKE WEST. LIMITED STATION LOCATION INFORMATION WAS PROVIDED. DATA WERE COLLECTED AT THIS SITE ON 20 AUGUST 1984. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/84-08/20/84	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-08/20/84	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	1	3.	3.	3.	3.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	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: KATM0060

NPS Station ID: KATM0060 | LAT/LON: 57.981698/-154.975809 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_13
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KARLUCK AK 1:250000 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	6.72	6.72	6.72	6.72	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.65	5.65	5.65	5.65	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	1.88	1.88	1.88	1.88	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	3.97	3.97	3.97	3.97	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	0.97	0.97	0.97	0.97	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	1.88	1.88	1.88	1.88	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	3.92	3.92	3.92	3.92	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	1.53	1.53	1.53	1.53	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/17/89-08/17/89	1	1.88	1.88	1.88	1.88	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	24.32	24.32	24.32	24.32	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	15.57	15.57	15.57	15.57	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	4.85	4.85	4.85	4.85	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	26.48	26.48	26.48	26.48	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	12.07	12.07	12.07	12.07	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	21.82	21.82	21.82	21.82	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	30.11	30.11	30.11	30.11	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	11.02	11.02	11.02	11.02	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	78.8	78.8	78.8	78.8	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	18.4	18.4	18.4	18.4	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	9.04	9.04	9.04	9.04	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	31.17	31.17	31.17	31.17	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	22.3	22.3	22.3	22.3	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	15.76	15.76	15.76	15.76	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	30.86	30.86	30.86	30.86	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	2.51	2.51	2.51	2.51	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	12.1	12.1	12.1	12.1	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	22.7	22.7	22.7	22.7	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	45.28	45.28	45.28	45.28	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	7.37	7.37	7.37	7.37	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	10.17	10.17	10.17	10.17	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	25.9	25.9	25.9	25.9	0.	0.	**	**	**	**

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

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

Station Inventory for Station: KATM0061

NPS Station ID: KATM0061 | LAT/LON: 57.956893/-154.975615 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_07
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KARLUCK AK 1:250000 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.43	0.625	1.47	0.16	0.249	0.499	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	3.065	3.175	4.82	1.97	1.341	1.158	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	3.77	4.335	6.36	3.47	1.35	1.162	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.68	0.683	0.92	0.44	0.03	0.174	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.35	1.483	2.09	1.05	0.197	0.443	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.895	1.003	1.71	0.45	0.236	0.486	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.027	0.16	0.	0.004	0.065	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.99	1.018	1.47	0.73	0.071	0.267	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.015	0.025	0.08	0.	0.001	0.032	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.04	0.117	0.32	0.	0.023	0.153	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.535	0.62	0.91	0.43	0.04	0.2	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.4	1.838	3.72	0.65	1.643	1.282	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.51	1.608	2.54	0.46	0.574	0.758	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.21	1.323	1.82	1.	0.086	0.293	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.235	1.397	1.82	1.17	0.091	0.301	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.01	2.002	2.3	1.8	0.034	0.183	**	**	**	**

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

Parameter Inventory for Station: KATM0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/15/94-07/15/94	6	0.665	0.7	0.97	0.48	0.037	0.193	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	3.91	3.84	4.78	3.18	0.322	0.567	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	49.56	47.322	56.58	37.2	60.143	7.755	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	12.4	12.435	15.75	10.17	4.315	2.077	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	68.18	68.687	87.31	57.21	133.562	11.557	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	4.345	4.387	5.69	3.13	0.69	0.83	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	18.275	18.282	21.06	14.17	6.845	2.616	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	96.785	100.163	131.39	83.82	298.104	17.266	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	4.635	4.603	4.84	4.35	0.039	0.197	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	23.64	23.153	25.72	18.59	6.687	2.586	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	230.955	225.232	250.51	190.02	676.978	26.019	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	19.355	18.465	22.1	14.	8.87	2.978	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	7.97	7.638	8.97	6.18	1.445	1.202	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	9.335	11.018	20.72	5.81	26.648	5.162	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	15.195	15.825	19.55	14.23	3.912	1.978	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	5.78	4.88	6.66	0.	6.05	2.46	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	44.27	45.812	72.14	30.11	221.166	14.872	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.255	1.027	1.35	0.41	0.171	0.414	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.895	2.928	4.22	1.97	0.604	0.777	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.81	0.857	1.27	0.52	0.064	0.253	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.715	1.972	3.38	0.76	1.316	1.147	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.49	0.683	1.38	0.29	0.168	0.409	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.83	3.118	4.36	2.1	0.999	0.999	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	7.575	8.525	11.35	6.53	4.286	2.07	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.005	0.005	0.006	0.005	0.	0.001	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.	0.	0.001	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.003	0.004	0.007	0.001	0.	0.002	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.01	0.01	0.013	0.008	0.	0.002	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	7.56	7.857	9.84	6.99	1.164	1.079	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	22.51	21.162	23.74	16.07	10.137	3.184	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.965	3.553	8.28	0.	9.011	3.002	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	3.9	3.777	4.08	3.38	0.088	0.296	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	4.365	4.368	4.75	4.01	0.064	0.253	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	10.675	10.807	15.41	6.48	8.033	2.834	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	4.125	3.765	4.22	2.73	0.411	0.641	**	**	**	**

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

Station Inventory for Station: KATM0062

NPS Station ID: KATM0062 LAT/LON: 58.260031/-154.976171 Agency: 11NPSWRD Date Created: 08/21/99
Location: MT. KATMAI CALDERA CRATER LAKE; SOUTHERN AREA FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_OSU_KCL
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19020702 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: WEST SLOPE COOK INLET ECO Region:
RF1 Index: 19020702 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-1); ALASKA 15 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK BOUNDARIES. THE STATION IS LOCATED AT MT. KATMAI CALDERA CRATER LAKE; SOUTHERN AREA. THE DATA ARE FROM "BASELINE INVENTORY OF THE AQUATIC RESOURCES OF ANIAKCHAK NATIONAL MONUMENT; ALASKA; DRAFT. COOPERATIVE AGREEMENT CA-9000-8-0006; SUBAGREEMENT 9. NATIONAL PARK SERVICE COOPERATIVE PARK SERVICE UNIT; COLLEGE OF FORESTRY; OREGON STATE UNIVERSITY; CORVALLIS OREGON; 97331. 249P.; APPENDIX I AND II." BY W. A. CAMERON AND G.L. LARSON. THE LATITUDE AND LONGITUDE COORDINATES ARE ESTIMATED AND BASED ON STATION DESCRIPTIONS AND REPORT MAPS PROVIDED BY CAMERON AND LARSON. FOR MORE INFORMATION ABOUT THE PARK; CONTACT NATURAL RESOURCES AT P.O. BOX 7; KING SALMON ALASKA; 99613; TEL.(907)246-3305. THE DATA WERE PROCESSED AND UPLOADED TO STORET BY NANCY O'KEEFFE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO; 80525; TEL (970) 225-3516.

Parameter Inventory for Station: KATM0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/13/89-08/13/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/13/89-08/13/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/89-08/13/89	1	312.	312.	312.	312.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/13/89-08/13/89	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/13/89-08/13/89	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/89-08/13/89	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/89-08/13/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/89-08/13/89	1	0.044	0.044	0.044	0.044	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/13/89-08/13/89	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00652	PHOSPHOROUS DISSOLVED TOTAL WHATMAN GF/F MG/L P	08/13/89-08/13/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/89-08/13/89	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/89-08/13/89	1	0.696	0.696	0.696	0.696	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/13/89-08/13/89	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/89-08/13/89	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/89-08/13/89	1	226.3	226.3	226.3	226.3	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/13/89-08/13/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/89-08/13/89	1	55.6	55.6	55.6	55.6	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/13/89-08/13/89	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/89-08/13/89	1	607.16	607.16	607.16	607.16	0.	0.	**	**	**	**

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Parameter Inventory for Station: KATM0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/89-08/13/89	1	94.48	94.48	94.48	94.48	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/13/89-08/13/89	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/13/89-08/13/89	1	10760.	10760.	10760.	10760.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/13/89-08/13/89	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/13/89-08/13/89	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/13/89-08/13/89	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/13/89-08/13/89	1	50000.	50000.	50000.	50000.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/13/89-08/13/89	1	42550.	42550.	42550.	42550.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/13/89-08/13/89	1 ##	45.5	45.5	45.5	45.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/89-08/13/89	1	4806.4	4806.4	4806.4	4806.4	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/13/89-08/13/89	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/13/89-08/13/89	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/13/89-08/13/89	1	729.	729.	729.	729.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/13/89-08/13/89	1	126.	126.	126.	126.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/13/89-08/13/89	1 ##	37.	37.	37.	37.	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/13/89-08/13/89	1 ##	23.5	23.5	23.5	23.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/13/89-08/13/89	1	13090.	13090.	13090.	13090.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	08/13/89-08/13/89	1	8660.	8660.	8660.	8660.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/13/89-08/13/89	1	108.	108.	108.	108.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/13/89-08/13/89	1	15.	15.	15.	15.	0.	0.	**	**	**	**
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	08/13/89-08/13/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/13/89-08/13/89	1	346.7	346.7	346.7	346.7	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/13/89-08/13/89	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	1	1.00	1	1	1.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	1	1.00	1	1	1.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00	1	1	1.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	1	1.00	1	1	1.00									
		Drinking Water	50.	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: KATM0063

NPS Station ID: KATM0063 | LAT/LON: 59.096392/-154.976893 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BATTLE LAKE 1990 SAMPLING STATION | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UAF_BL90
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BATTLE LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 3 AUGUST 1990 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/90-08/03/90	12	10.35	10.242	11.	9.4	0.443	0.665	9.4	9.475	10.875	10.97
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/03/90-08/03/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/03/90-08/03/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/90-08/03/90	12	38.5	37.833	55.	27.	46.697	6.834	28.2	33.5	39.	51.1
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/03/90-08/03/90	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/03/90-08/03/90	4	11.15	11.125	11.4	10.8	0.062	0.25	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/03/90-08/03/90	12	6.75	6.783	7.2	6.4	0.038	0.195	6.49	6.7	6.875	7.14
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/03/90-08/03/90	12	6.747	6.745	7.2	6.4	0.04	0.199	6.49	6.7	6.875	7.14
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/90-08/03/90	12	0.179	0.18	0.398	0.063	0.007	0.082	0.074	0.134	0.2	0.339
00440	BICARBONATE ION (MG/L AS HCO3)	08/03/90-08/03/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/03/90-08/03/90	3 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/90-08/03/90	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/03/90-08/03/90	3	3.8	3.833	3.9	3.8	0.003	0.058	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/03/90-08/03/90	3	0.8	0.767	0.8	0.7	0.003	0.058	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/03/90-08/03/90	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/03/90-08/03/90	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/90-08/03/90	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/03/90-08/03/90	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/03/90-08/03/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/03/90-08/03/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/03/90-08/03/90	3 ##	5.	15.333	36.	5.	320.333	17.898	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/03/90-08/03/90	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/03/90-08/03/90	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/03/90-08/03/90	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/03/90-08/03/90	3	3.	3.	3.	3.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/03/90-08/03/90	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/03/90-08/03/90	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/03/90-08/03/90	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/03/90-08/03/90	3	3.8	3.7	3.8	3.5	0.03	0.173	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/03/90-08/03/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/03/90-08/03/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/03/90-08/03/90	3	16.	15.667	16.	15.	0.333	0.577	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/03/90-08/03/90	3 ##	1.5	4.667	11.	1.5	30.083	5.485	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/03/90-08/03/90	3	40.	155.	410.	15.	48925.	221.19	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/03/90-08/03/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/03/90-08/03/90	3	40.	40.	40.	40.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/03/90-08/03/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/03/90-08/03/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/03/90-08/03/90	3	23.	22.667	23.	22.	0.333	0.577	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/03/90-08/03/90	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/03/90-08/03/90	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/03/90-08/03/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/03/90-08/03/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/03/90-08/03/90	3	2340.	2330.	2380.	2270.	3100.	55.678	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/03/90-08/03/90	1	0.081	0.081	0.081	0.081	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/03/90-08/03/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/03/90-08/03/90	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	12	0	0.00	12	0	0.00									
		Other-Lo Lim.	6.5	12	1	0.08	12	1	0.08									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	3	3	1.00	3	3	1.00									
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0064

NPS Station ID: KATM0064 | LAT/LON: 58.972504/-154.979282 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK LAKE STREAM 2 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_KL02
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-3) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE STREAM 2 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	1	7.04	7.04	7.04	7.04	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/92-07/24/92	1	7.04	7.04	7.04	7.04	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/92-07/24/92	1	0.091	0.091	0.091	0.091	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0065

NPS Station ID: KATM0065
LAT/LON: 59.110615/-154.984116
Agency: 11NPSWRD
Date Created: 03/13/99
Location: BATTLE RIVER
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_UAF_BAR
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BATTLE RIVER INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 2 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/28/90-08/28/90	1	192.	192.	192.	192.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/90-08/28/90	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/28/90-08/28/90	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/28/90-08/28/90	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/90-08/28/90	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/28/90-08/28/90	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/28/90-08/28/90	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/90-08/28/90	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/28/90-08/28/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/90-08/28/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/28/90-08/28/90	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/28/90-08/28/90	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/28/90-08/28/90	2	4.05	4.05	4.1	4.	0.005	0.071	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/28/90-08/28/90	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/28/90-08/28/90	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/28/90-08/28/90	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/90-08/28/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/90-08/28/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/28/90-08/28/90	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/28/90-08/28/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/28/90-08/28/90	2	56.5	56.5	83.	30.	1404.5	37.477	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/28/90-08/28/90	2 ##	35.	35.	35.	35.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/28/90-08/28/90	2 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/28/90-08/28/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/28/90-08/28/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/28/90-08/28/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/28/90-08/28/90	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/28/90-08/28/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/28/90-08/28/90	2	3.75	3.75	3.9	3.6	0.045	0.212	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/28/90-08/28/90	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/28/90-08/28/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/28/90-08/28/90	2	15.	15.	15.	15.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/28/90-08/28/90	2	34.5	34.5	55.	14.	840.5	28.991	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/28/90-08/28/90	2	80.	80.	90.	70.	200.	14.142	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/28/90-08/28/90	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/28/90-08/28/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/28/90-08/28/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/28/90-08/28/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/28/90-08/28/90	2	21.	21.	21.	21.	0.	0.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/28/90-08/28/90	2 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/28/90-08/28/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/28/90-08/28/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/90-08/28/90	2	2210.	2210.	2210.	2210.	0.	0.	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	08/28/90-08/28/90	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/28/90-08/28/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/28/90-08/28/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0065

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
82079 TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0066

NPS Station ID: KATM0066 LAT/LON: 57.970615/-155.016698 Agency: 11NPSWRD Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS STORET Station ID(s): KATM_EV_08
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 19020702 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS ECO Region:
RF1 Index: 19020702 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KARLUCK (D-4) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.038	0.23	0.	0.009	0.094	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.15	1.112	1.66	0.48	0.196	0.443	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.13	2.1	2.82	1.45	0.214	0.462	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.705	0.77	1.13	0.43	0.084	0.291	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.34	0.383	0.63	0.24	0.018	0.135	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.765	0.737	0.89	0.48	0.02	0.143	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.345	0.355	0.46	0.24	0.005	0.073	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.6	0.708	1.69	0.05	0.322	0.567	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.82	0.747	1.6	0.	0.437	0.661	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.645	0.705	0.91	0.62	0.013	0.114	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.78	0.772	1.01	0.55	0.025	0.157	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.255	1.168	1.36	0.84	0.045	0.213	**	**	**	**

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

Parameter Inventory for Station: KATM0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/15/94-07/15/94	6 ##	0.	0.135	0.43	0.	0.044	0.21	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.785	2.643	3.34	1.81	0.324	0.569	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	27.66	26.35	30.4	20.4	18.266	4.274	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	5.6	5.378	8.52	1.75	4.944	2.223	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	36.83	36.65	43.88	27.69	43.471	6.593	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.895	2.078	3.35	1.29	0.507	0.712	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	9.795	9.763	12.27	7.46	3.003	1.733	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	52.565	52.577	65.51	39.66	111.674	10.568	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.355	2.303	2.82	1.64	0.199	0.446	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	12.07	9.862	14.02	2.71	19.562	4.423	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	128.965	128.913	158.31	100.29	452.711	21.277	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	11.4	10.59	12.5	8.08	3.471	1.863	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	4.435	4.458	5.2	3.57	0.336	0.58	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	4.735	5.998	12.6	3.72	11.461	3.385	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	8.575	8.622	10.67	6.25	2.19	1.48	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	2.24	2.427	5.46	0.	7.179	2.679	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	26.73	28.128	47.14	14.41	179.779	13.408	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.21	2.373	3.16	2.01	0.191	0.437	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.405	0.422	0.65	0.22	0.023	0.152	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.91	0.948	1.59	0.31	0.187	0.433	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.075	0.082	0.18	0.	0.008	0.09	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.325	1.297	1.92	0.42	0.263	0.513	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	4.965	4.982	6.07	3.43	0.961	0.981	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.003	0.003	0.003	0.002	0.	0.001	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.004	0.004	0.005	0.003	0.	0.001	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.	0.	0.001	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.007	0.007	0.008	0.005	0.	0.001	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	4.865	5.673	8.29	3.77	4.269	2.066	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	18.34	19.742	24.72	15.88	11.725	3.424	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	4.335	4.012	8.05	0.48	8.163	2.857	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.615	2.41	3.06	1.52	0.374	0.611	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.49	2.42	2.91	1.68	0.222	0.471	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	7.625	7.903	12.16	4.28	7.54	2.746	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.275	2.28	2.5	2.03	0.028	0.166	**	**	**	**

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

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

Station Inventory for Station: KATM0067

NPS Station ID: KATM0067 | LAT/LON: 57.970615/-155.019698 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_09
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KARLUCK (D-4) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.133	0.8	0.	0.107	0.327	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.47	0.835	2.85	0.	1.042	1.021	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.445	0.985	3.61	0.	1.796	1.34	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.27	0.748	2.89	0.12	1.171	1.082	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.15	0.4	1.03	0.	0.206	0.454	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.185	0.203	0.64	0.	0.055	0.234	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.028	0.17	0.	0.005	0.069	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.012	0.07	0.	0.001	0.029	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.105	0.137	0.35	0.05	0.012	0.108	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.475	0.503	0.84	0.1	0.085	0.292	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.385	0.505	1.18	0.	0.324	0.569	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.205	0.31	1.01	0.	0.14	0.374	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.135	0.253	0.85	0.	0.114	0.338	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.535	0.573	1.1	0.35	0.076	0.276	**	**	**	**

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

Parameter Inventory for Station: KATM0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/15/94-07/15/94	6 ##	0.	0.14	0.63	0.	0.065	0.254	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.695	1.622	2.08	0.96	0.175	0.419	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	4.52	4.352	7.57	0.89	6.973	2.641	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.99	1.735	5.35	0.	4.794	2.189	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	5.955	5.373	8.87	0.45	10.364	3.219	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.775	0.73	1.75	0.	0.447	0.668	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.59	2.988	5.55	1.87	1.909	1.382	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	7.035	7.843	15.25	0.89	28.635	5.351	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.14	1.037	1.65	0.	0.326	0.571	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.825	2.188	4.57	0.55	2.565	1.602	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	17.345	16.763	29.66	2.87	112.134	10.589	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.735	2.432	3.95	0.46	1.533	1.238	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.46	1.397	2.	0.58	0.216	0.465	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.86	3.89	12.77	0.	22.558	4.75	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.215	1.888	3.46	0.32	1.507	1.228	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	1.178	3.93	0.	3.395	1.842	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	4.725	10.005	31.25	2.39	126.662	11.254	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.56	0.695	1.82	0.24	0.332	0.576	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.073	0.29	0.	0.015	0.122	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.37	0.748	2.43	0.08	0.813	0.902	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.028	0.17	0.	0.005	0.069	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	0.65	0.763	1.47	0.17	0.323	0.568	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.605	2.108	5.35	0.72	2.79	1.67	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.001	0.001	0.002	0.	0.	0.001	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.001	0.002	0.005	0.	0.	0.002	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.	0.	0.001	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	07/15/94-07/15/94	6	0.001	0.003	0.012	0.001	0.	0.004	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.05	0.972	1.87	0.05	0.464	0.682	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	5.49	5.282	9.	1.64	8.109	2.848	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.745	2.66	0.	1.404	1.185	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.56	1.163	2.08	0.	0.861	0.928	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.47	1.467	1.97	0.99	0.147	0.383	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	2.04	2.327	4.61	0.38	2.513	1.585	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.295	1.308	1.6	1.11	0.033	0.181	**	**	**	**

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

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

Station Inventory for Station: KATM0068

NPS Station ID: KATM0068 LAT/LON: 58.978255/-155.020560 Agency: 11NPSWRD Date Created: 03/13/99
Location: KULIK LAKE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_UCB_KUL
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030206 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT KULIK LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. DATA WERE COLLECTED AT THIS SITE ON 20 AUGUST 1984. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/84-08/20/84	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-08/20/84	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/20/84-08/20/84	1	1.023	1.023	1.023	1.023	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/84-08/20/84	1	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0069

NPS Station ID: KATM0069 | LAT/LON: 57.971392/-155.020810 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_10
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KARLUCK (D-4) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	8.02	8.02	8.02	8.02	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	7.27	7.27	7.27	7.27	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.29	5.29	5.29	5.29	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.67	5.67	5.67	5.67	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	2.22	2.22	2.22	2.22	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	2.42	2.42	2.42	2.42	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/17/89-08/17/89	1	2.25	2.25	2.25	2.25	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	26.	26.	26.	26.	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	23.26	23.26	23.26	23.26	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	4.66	4.66	4.66	4.66	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	4.83	4.83	4.83	4.83	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	56.26	56.26	56.26	56.26	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	13.22	13.22	13.22	13.22	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	75.35	75.35	75.35	75.35	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	23.41	23.41	23.41	23.41	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	15.01	15.01	15.01	15.01	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	179.52	179.52	179.52	179.52	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	8.22	8.22	8.22	8.22	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	12.1	12.1	12.1	12.1	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	31.66	31.66	31.66	31.66	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	34.4	34.4	34.4	34.4	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	15.6	15.6	15.6	15.6	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	19.56	19.56	19.56	19.56	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	42.18	42.18	42.18	42.18	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	2.61	2.61	2.61	2.61	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	10.25	10.25	10.25	10.25	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	17.6	17.6	17.6	17.6	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	31.5	31.5	31.5	31.5	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	50.95	50.95	50.95	50.95	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	12.57	12.57	12.57	12.57	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	8.54	8.54	8.54	8.54	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	14.71	14.71	14.71	14.71	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	26.77	26.77	26.77	26.77	0.	0.	**	**	**	**

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

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

Station Inventory for Station: KATM0070

NPS Station ID: KATM0070 | LAT/LON: 57.971699/-155.026699 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_11
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KARLUCK (D-4) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	8.46	8.46	8.46	8.46	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	6.98	6.98	6.98	6.98	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	4.88	4.88	4.88	4.88	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	1.14	1.14	1.14	1.14	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	2.37	2.37	2.37	2.37	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	1.51	1.51	1.51	1.51	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	3.17	3.17	3.17	3.17	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/17/89-08/17/89	1	2.32	2.32	2.32	2.32	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	57.09	57.09	57.09	57.09	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	19.76	19.76	19.76	19.76	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	3.44	3.44	3.44	3.44	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.89	5.89	5.89	5.89	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	45.29	45.29	45.29	45.29	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	12.6	12.6	12.6	12.6	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	10.76	10.76	10.76	10.76	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	67.5	67.5	67.5	67.5	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	20.47	20.47	20.47	20.47	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	12.52	12.52	12.52	12.52	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	135.1	135.1	135.1	135.1	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	11.	11.	11.	11.	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	45.26	45.26	45.26	45.26	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	35.1	35.1	35.1	35.1	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	16.7	16.7	16.7	16.7	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	16.36	16.36	16.36	16.36	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	32.24	32.24	32.24	32.24	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	2.92	2.92	2.92	2.92	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	1.51	1.51	1.51	1.51	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	16.7	16.7	16.7	16.7	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	30.4	30.4	30.4	30.4	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	47.38	47.38	47.38	47.38	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	17.03	17.03	17.03	17.03	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	11.47	11.47	11.47	11.47	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	11.84	11.84	11.84	11.84	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	24.62	24.62	24.62	24.62	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0071

NPS Station ID: KATM0071 | LAT/LON: 58.985005/-155.035004 | Agency: 11NPSWRD | Date Created: 03/27/99
Location: KULIK LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_NPS_KUL
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE AND IS LOCATED INSIDE THE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. DATA ARE FROM THE KATM WATER QUALITY DATA BASE AND WERE COLLECTED FROM 1994 THROUGH 1997 BY KATM STAFF AS PART OF AN ON GOING STUDY TO MONITOR WATER QUALITY OF THE 11 LARGE KATM LAKES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0071

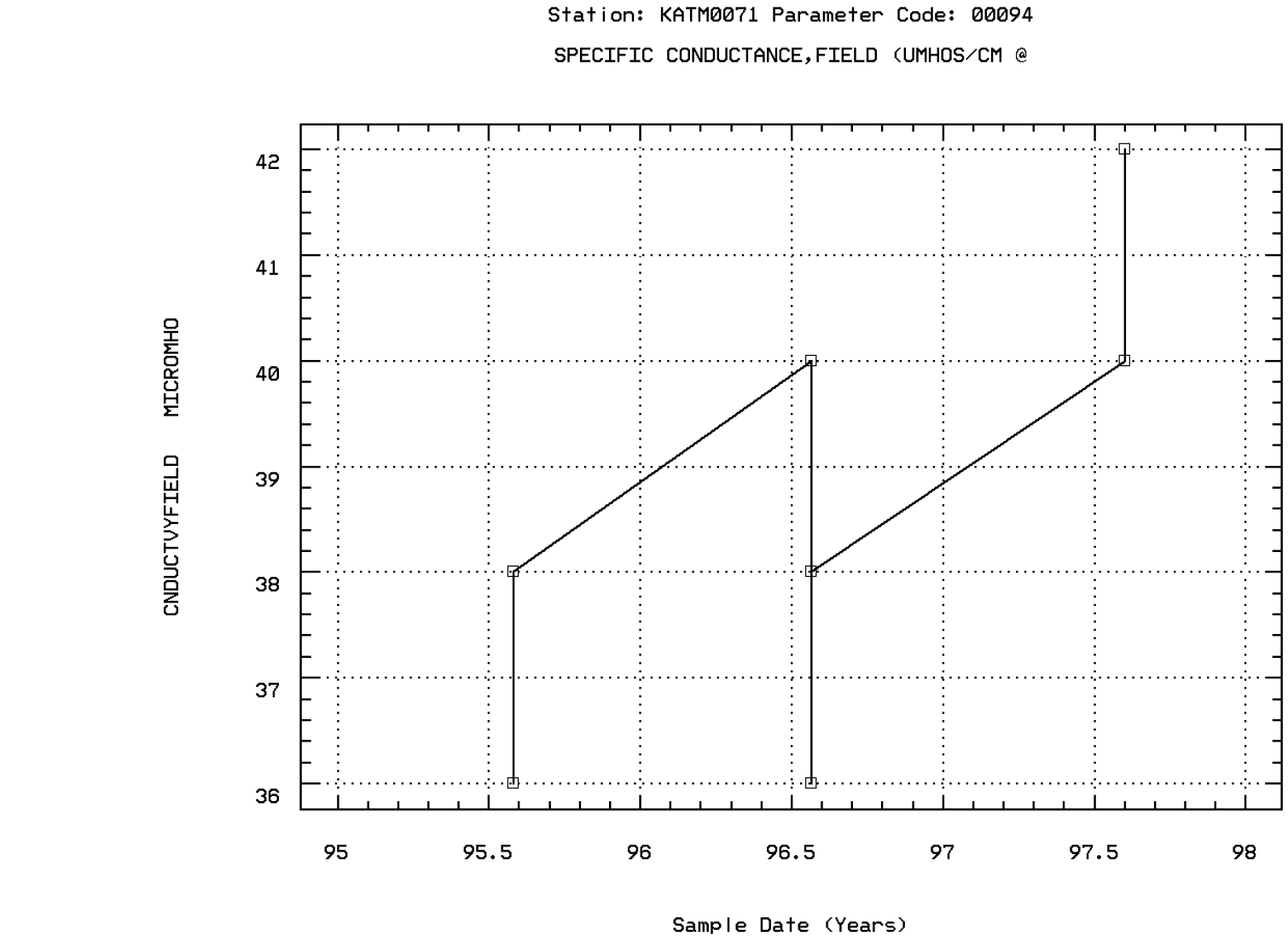
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/95-08/07/97	35	9.8	10.34	14.5	6.3	5.771	2.402	7.66	8.4	11.3	14.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/95-08/07/97	4	12.75	12.85	15.7	10.2	5.097	2.258	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/95-08/07/97	35	38.	38.343	42.	36.	3.644	1.909	36.	36.	40.	40.8
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/31/95-08/07/97	35	11.1	11.331	13.1	10.8	0.442	0.665	10.9	11.	11.2	12.88
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/31/95-08/07/97	35	102.7	103.323	112.8	94.1	44.911	6.702	95.5	96.9	111.4	112.64
00406p	PH, FIELD, STANDARD UNITS SU	07/31/95-08/07/97	35	7.21	7.17	7.36	6.8	0.021	0.144	7.04	7.07	7.26	7.35
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/31/95-08/07/97	35	7.21	7.145	7.36	6.8	0.021	0.146	7.04	7.07	7.26	7.35
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/95-08/07/97	35	0.062	0.072	0.158	0.044	0.001	0.027	0.045	0.055	0.085	0.091
00480p	SALINITY - PARTS PER THOUSAND	07/31/95-08/07/97	35 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

EPA Water Quality Criteria Analysis for Station: KATM0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	35	0	0.00	35	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	35	0	0.00	35	0	0.00									
		Other-Lo Lim.	6.5	35	0	0.00	35	0	0.00									

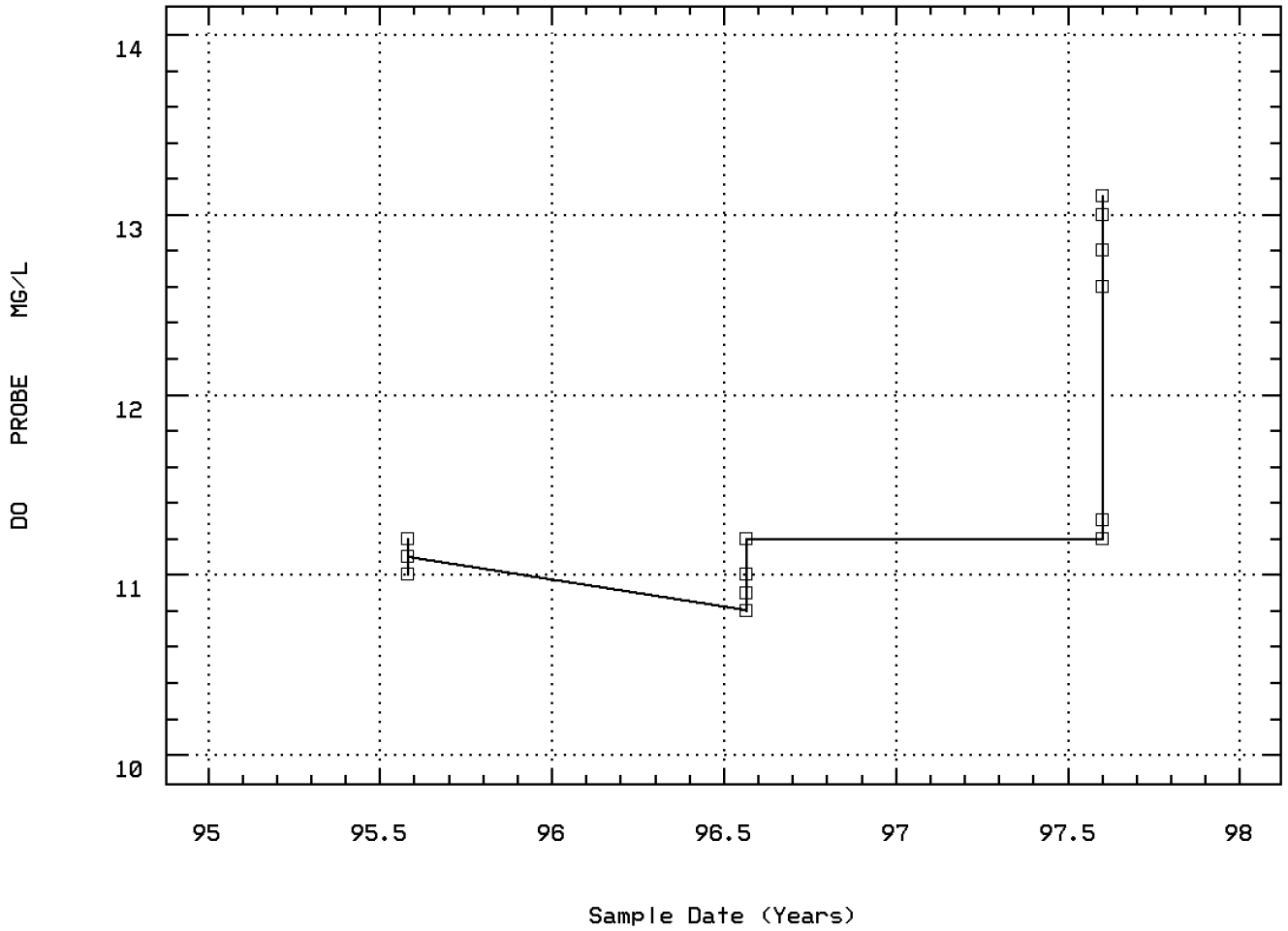
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter


Station: KATM0071 Parameter Code: 00094
SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @
CNDUCTVYFIELD MICROMHO
42
41
40
39
38
37
36
95
95.5
96
96.5
97
97.5
98
Sample Date (Years)

KULIK LAKE

Station: KATM0071 Parameter Code: 00299

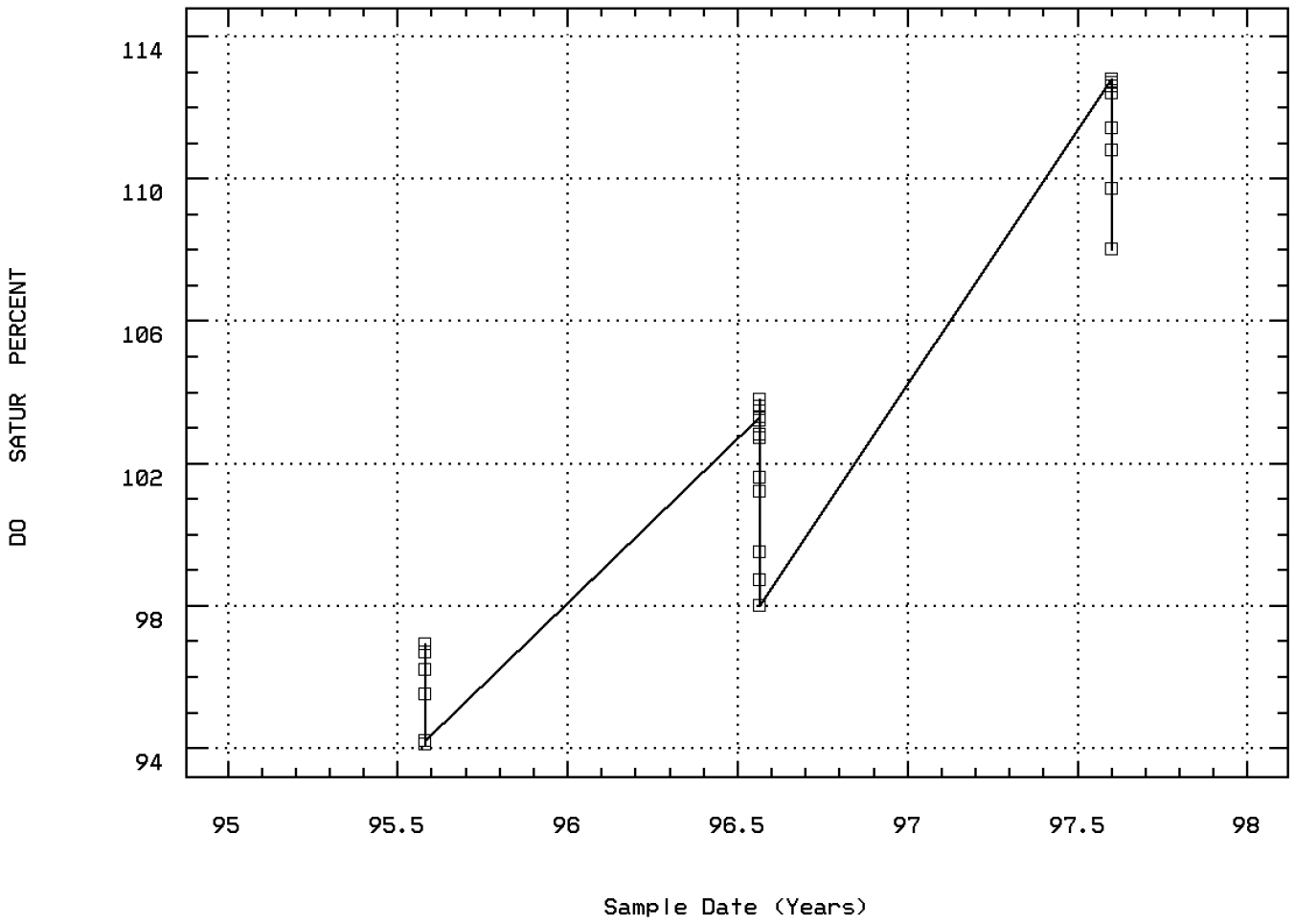
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE



KULIK LAKE

Station: KATM0071 Parameter Code: 00301

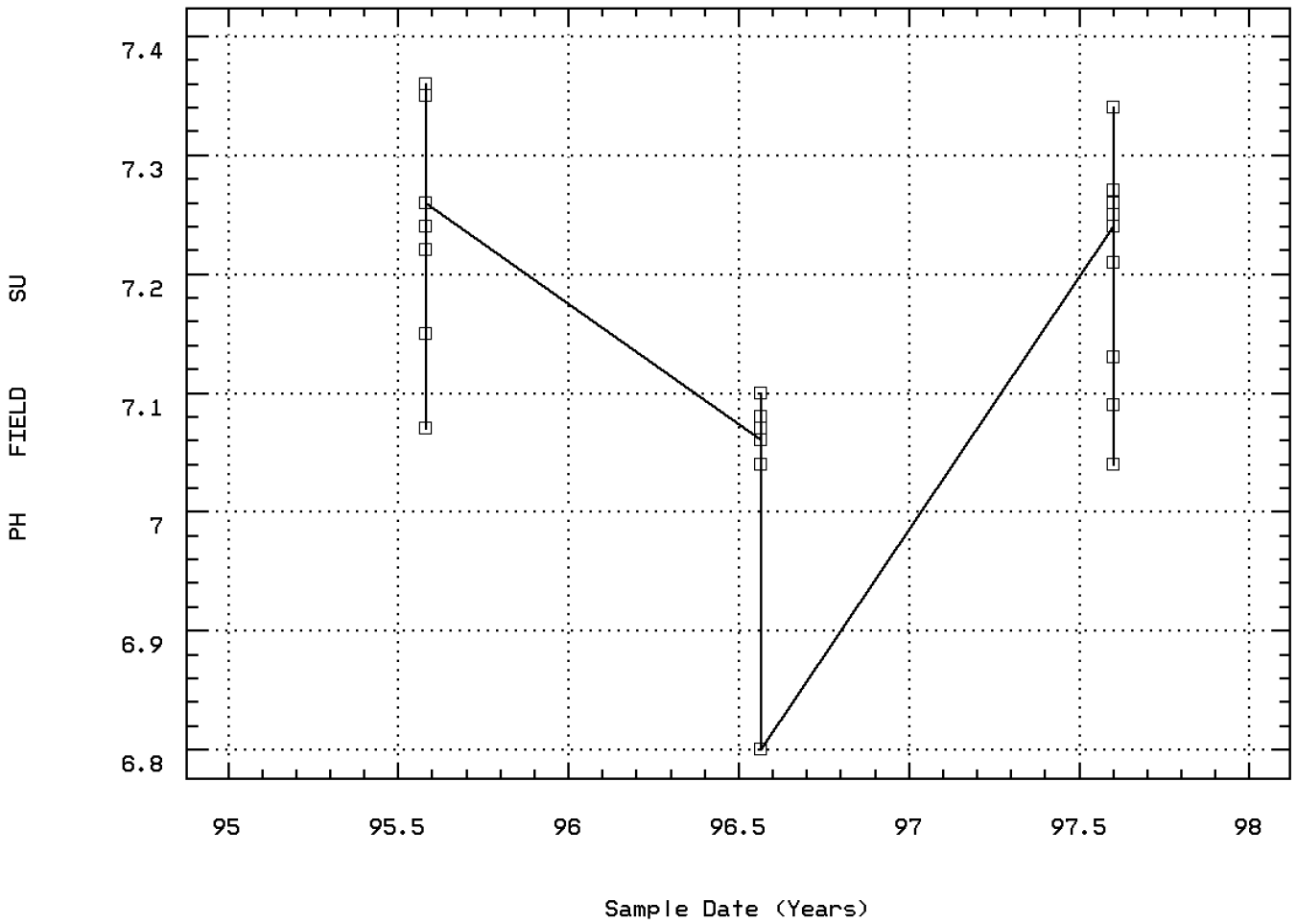
OXYGEN, DISSOLVED, PERCENT OF SATURATIO



KULIK LAKE

Station: KATM0071 Parameter Code: 00406

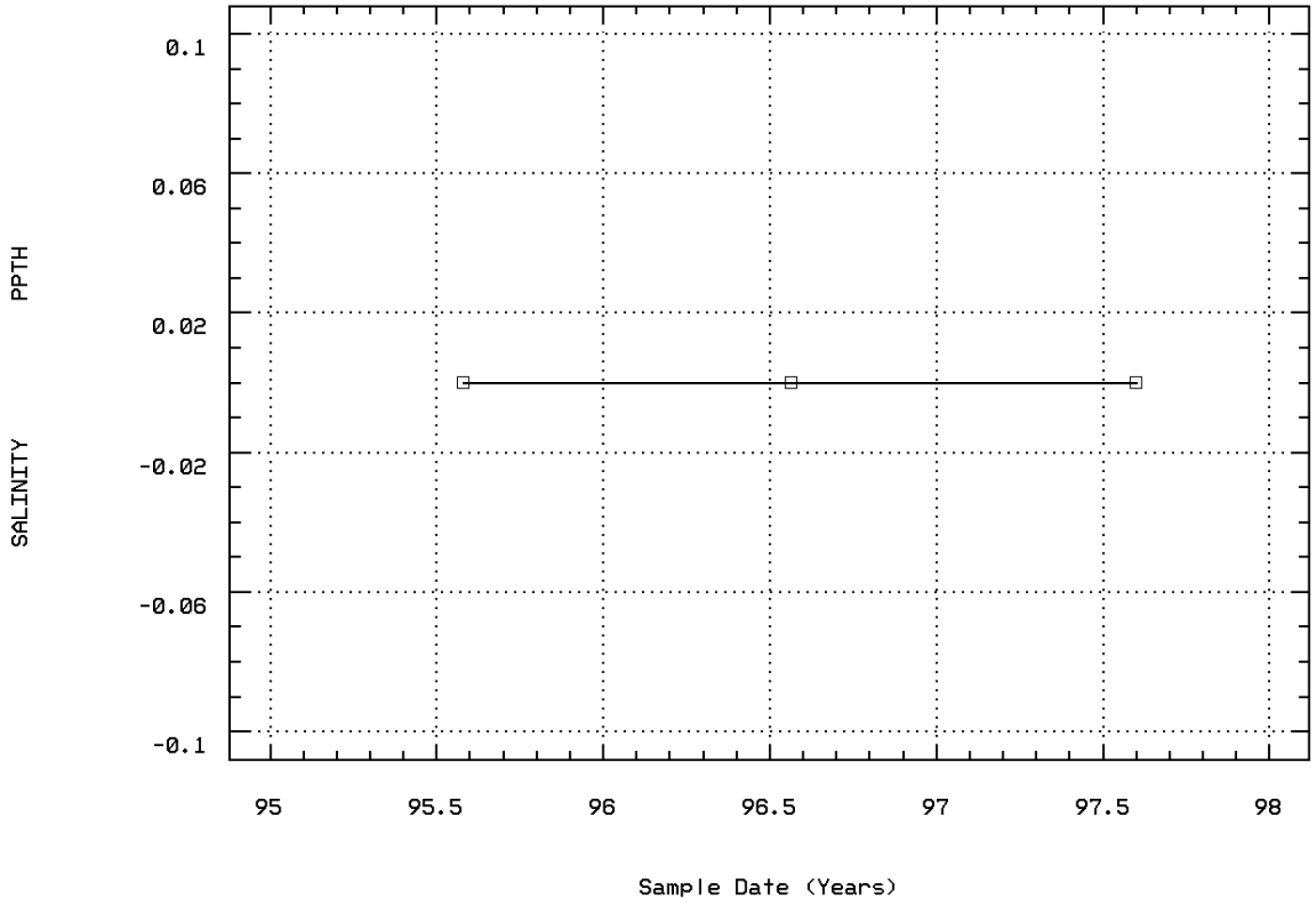
PH, FIELD, STANDARD UNITS



KULIK LAKE

Station: KATM0071 Parameter Code: 00480

SALINITY - PARTS PER THOUSAND



KULIK LAKE

Station Inventory for Station: KATM0072

NPS Station ID: KATM0072 LAT/LON: 58.777532/-155.047948 Agency: 11NPSWRD Date Created: 03/13/99
Location: MURRAY LAKE 1990 AND 1991 SAMPLING STATIONS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_UAF_ML
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT MURRAY LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 10 AUGUST 1990 AND 30 JULY 1991 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/90-07/30/91	17	10.	9.924	10.6	7.9	0.452	0.672	8.94	9.6	10.45	10.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/10/90-07/30/91	2	13.	13.	16.	10.	18.	4.243	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/10/90-07/30/91	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/90-07/30/91	17	35.	36.647	47.	30.	27.118	5.207	30.	32.5	41.	44.6
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/10/90-07/30/91	2	34.	34.	43.	25.	162.	12.728	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/10/90-07/30/91	17	10.5	11.041	13.2	10.2	1.028	1.014	10.28	10.3	11.95	12.8
00406	PH, FIELD, STANDARD UNITS SU	08/10/90-07/30/91	17	7.3	7.353	8.	7.	0.083	0.287	7.	7.1	7.45	7.84
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/10/90-07/30/91	17	7.3	7.279	8.	7.	0.088	0.297	7.	7.1	7.45	7.84
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/90-07/30/91	17	0.05	0.053	0.1	0.01	0.001	0.028	0.015	0.036	0.079	0.1
00440	BICARBONATE ION (MG/L AS HCO3)	08/10/90-07/30/91	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/30/91-07/30/91	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/30/91-07/30/91	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/10/90-07/30/91	6 ##	47.5	55.833	100.	45.	474.167	21.775	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/90-07/30/91	2	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/30/91-07/30/91	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/10/90-07/30/91	6	3.7	3.683	3.9	3.5	0.03	0.172	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/10/90-07/30/91	6	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/10/90-07/30/91	6	1.	1.167	2.	1.	0.167	0.408	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/10/90-07/30/91	6 ##	0.2	0.225	0.3	0.2	0.002	0.042	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/90-07/30/91	2	6.	6.	9.	3.	18.	4.243	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/90-07/30/91	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/10/90-07/30/91	6 ##	20.	21.667	25.	20.	6.667	2.582	**	**	**	**

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

Parameter Inventory for Station: KATM0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/10/90-07/30/91	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/10/90-07/30/91	6	55.5	61.167	89.	43.	324.167	18.005	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/10/90-07/30/91	6 ##	27.5	28.333	40.	20.	86.667	9.309	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/10/90-07/30/91	6 ##	25.	26.667	40.	20.	66.667	8.165	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/10/90-07/30/91	6 ##	20.	20.833	25.	20.	4.167	2.041	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/10/90-07/30/91	6 ##	1.	1.083	1.5	1.	0.042	0.204	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/10/90-07/30/91	6 ##	1.5	1.583	2.	1.5	0.042	0.204	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/10/90-07/30/91	6 ##	0.25	0.258	0.3	0.25	0.	0.02	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/10/90-07/30/91	6 ##	12.5	12.5	15.	10.	7.5	2.739	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/10/90-07/30/91	6	3.	3.	3.2	2.7	0.028	0.167	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/10/90-07/30/91	6 ##	5.	6.667	10.	5.	6.667	2.582	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/10/90-07/30/91	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/10/90-07/30/91	6	12.	11.667	12.	11.	0.267	0.516	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/10/90-07/30/91	6 ##	5.5	13.667	40.	1.	284.667	16.872	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/10/90-07/30/91	6 ##	22.5	87.5	420.	10.	26677.5	163.332	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/10/90-07/30/91	6 ##	1.25	1.417	2.	1.	0.242	0.492	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/10/90-07/30/91	6 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/10/90-07/30/91	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/10/90-07/30/91	6 ##	1.25	1.25	1.5	1.	0.075	0.274	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/10/90-07/30/91	6 ##	1.5	1.667	3.	1.	0.667	0.816	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/10/90-07/30/91	6 ##	2.5	2.667	3.	2.5	0.067	0.258	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/10/90-07/30/91	6 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	07/30/91-07/30/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/10/90-07/30/91	6 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/10/90-08/10/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/10/90-07/30/91	6	2415.	2440.	2620.	2300.	13400.	115.758	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/10/90-07/30/91	2	0.146	0.146	0.183	0.108	0.003	0.053	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/10/90-07/30/91	6 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/10/90-07/30/91	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	17	0	0.00	17	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	17	0	0.00	17	0	0.00									
		Other-Lo Lim.	6.5	17	0	0.00	17	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	6	0	0.00	6	0	0.00									
		Drinking Water	50.	6	0	0.00	6	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	6	0	0.00	6	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	6	0	0.00	6	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	6	0	0.00	6	0	0.00									
		Drinking Water	4.	6	0	0.00	6	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	6	0	0.00	6	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	6	0	0.00	6	0	0.00									
		Drinking Water	100.	6	0	0.00	6	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	6	0	0.00	6	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	6	0	0.00	6	0	0.00									
		Drinking Water	5000.	6	0	0.00	6	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	6	0	0.00	6	0	0.00									
		Drinking Water	5.	6	0	0.00	6	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	6	0	0.00	6	0	0.00									
		Drinking Water	15.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	6	0	0.00	6	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	6	0	0.00	6	0	0.00									
		Drinking Water	1300.	6	0	0.00	6	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	6	0	0.00	6	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: KATM0073

NPS Station ID: KATM0073 | LAT/LON: 58.777004/-155.051504 | Agency: 11NPSWRD | Date Created: 03/27/99
Location: MURRAY LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_NPS_MUR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT MURRAY LAKE AND IS LOCATED INSIDE THE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. DATA ARE FROM THE KATM WATER QUALITY DATA BASE AND WERE COLLECTED FROM 1994 THROUGH 1997 BY KATM STAFF AS PART OF AN ON GOING STUDY TO MONITOR WATER QUALITY OF THE 11 LARGE KATM LAKES. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0073

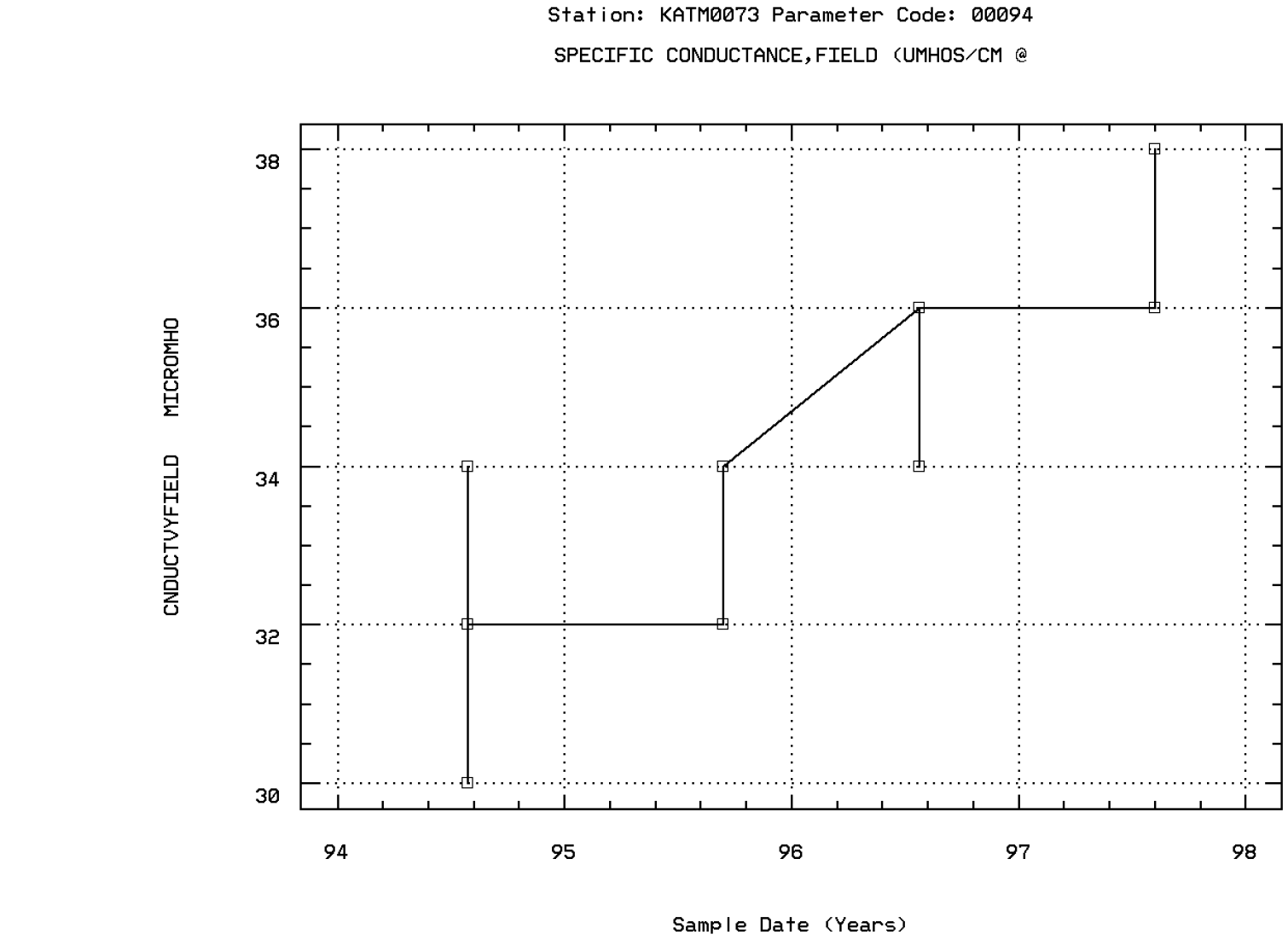
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	42	9.55	10.086	14.3	6.3	3.529	1.878	8.43	9.175	11.075	13.87
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-08/07/97	5	16.	16.88	21.1	14.2	9.027	3.004	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	42	34.	34.143	38.	30.	5.54	2.354	30.6	32.	36.	38.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-08/07/97	31	10.7	10.835	12.5	10.2	0.373	0.611	10.3	10.5	10.8	12.24
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	42	97.65	82.117	107.3	24.	983.438	31.36	28.16	41.55	100.9	106.68
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	42	7.42	7.406	7.62	7.07	0.024	0.156	7.185	7.25	7.545	7.61
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/07/97	42	7.42	7.378	7.62	7.07	0.025	0.158	7.185	7.25	7.545	7.61
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/07/97	42	0.038	0.042	0.085	0.024	0.	0.016	0.025	0.029	0.056	0.065
00480p	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	42 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

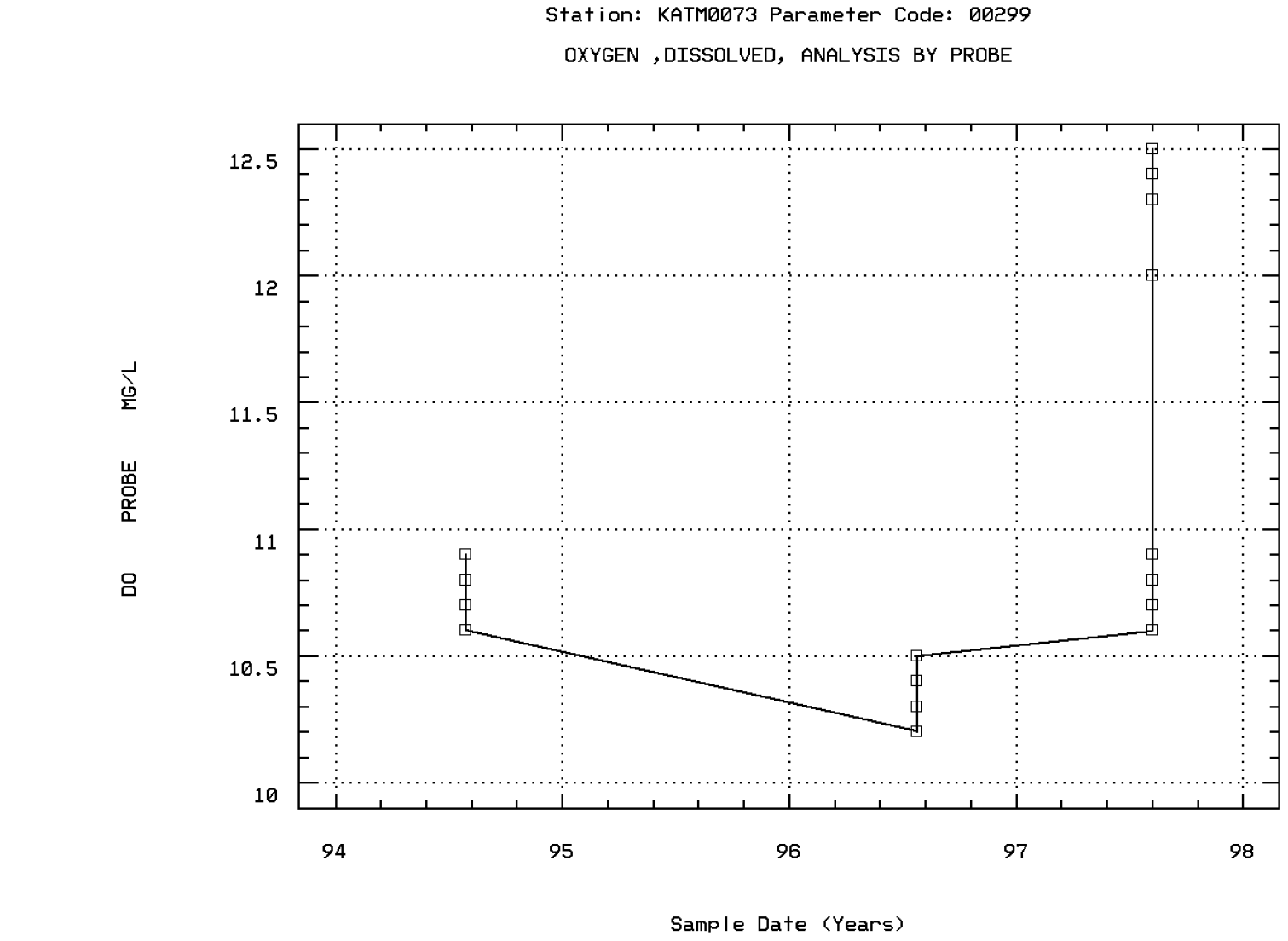
EPA Water Quality Criteria Analysis for Station: KATM0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	31	0	0.00	31	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	42	0	0.00	42	0	0.00									
		Other-Lo Lim.	6.5	42	0	0.00	42	0	0.00									

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


Station: KATM0073 Parameter Code: 00094
SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @
CNDUCTVYFIELD MICROMHO
38
36
34
32
30
94
95
96
97
98
Sample Date (Years)

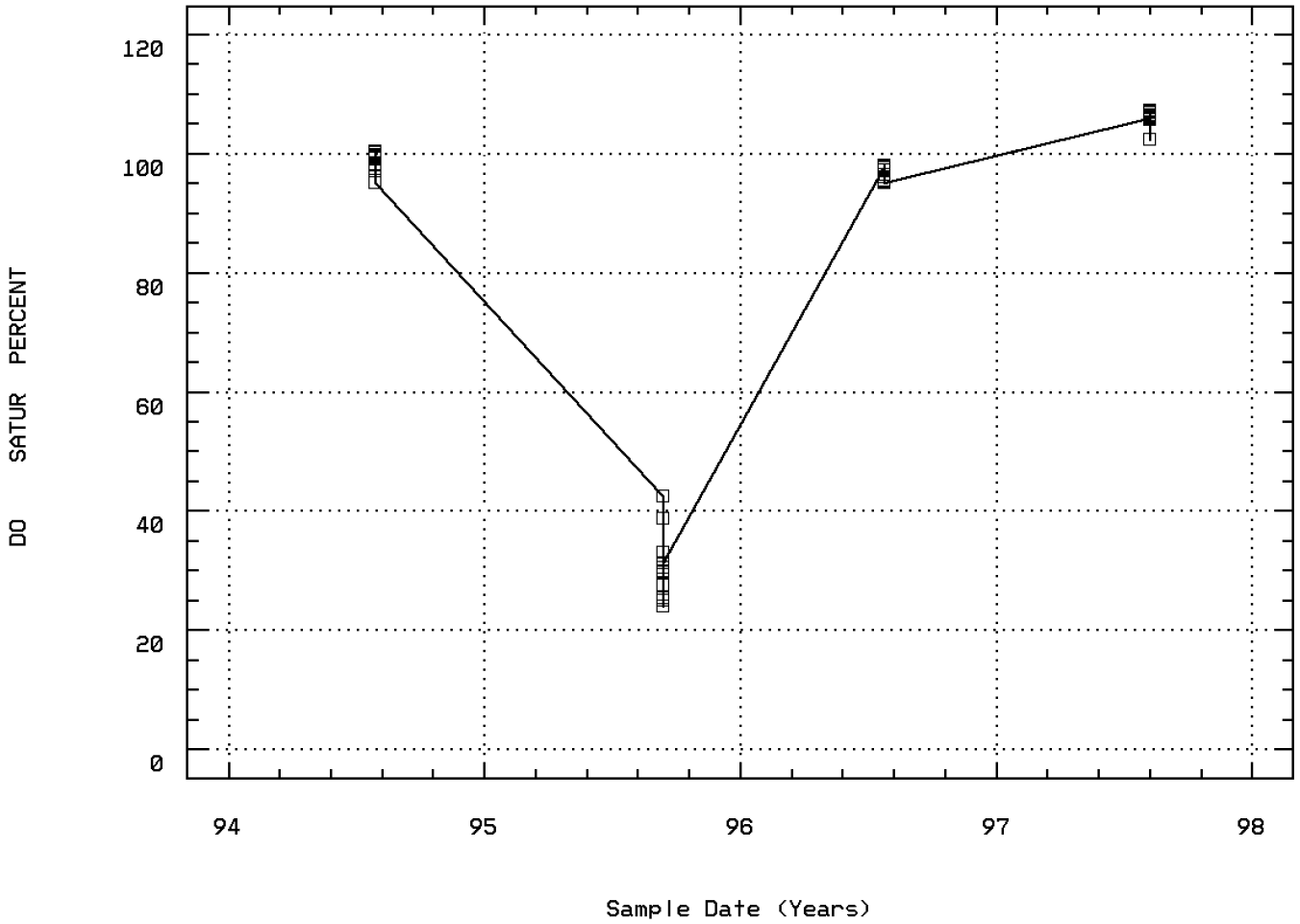
MURRAY LAKE


Station: KATM0073 Parameter Code: 00299
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE
DO PROBE MG/L
12.5
12
11.5
11
10.5
10
94
95
96
97
98
Sample Date (Years)

MURRAY LAKE

Station: KATM0073 Parameter Code: 00301

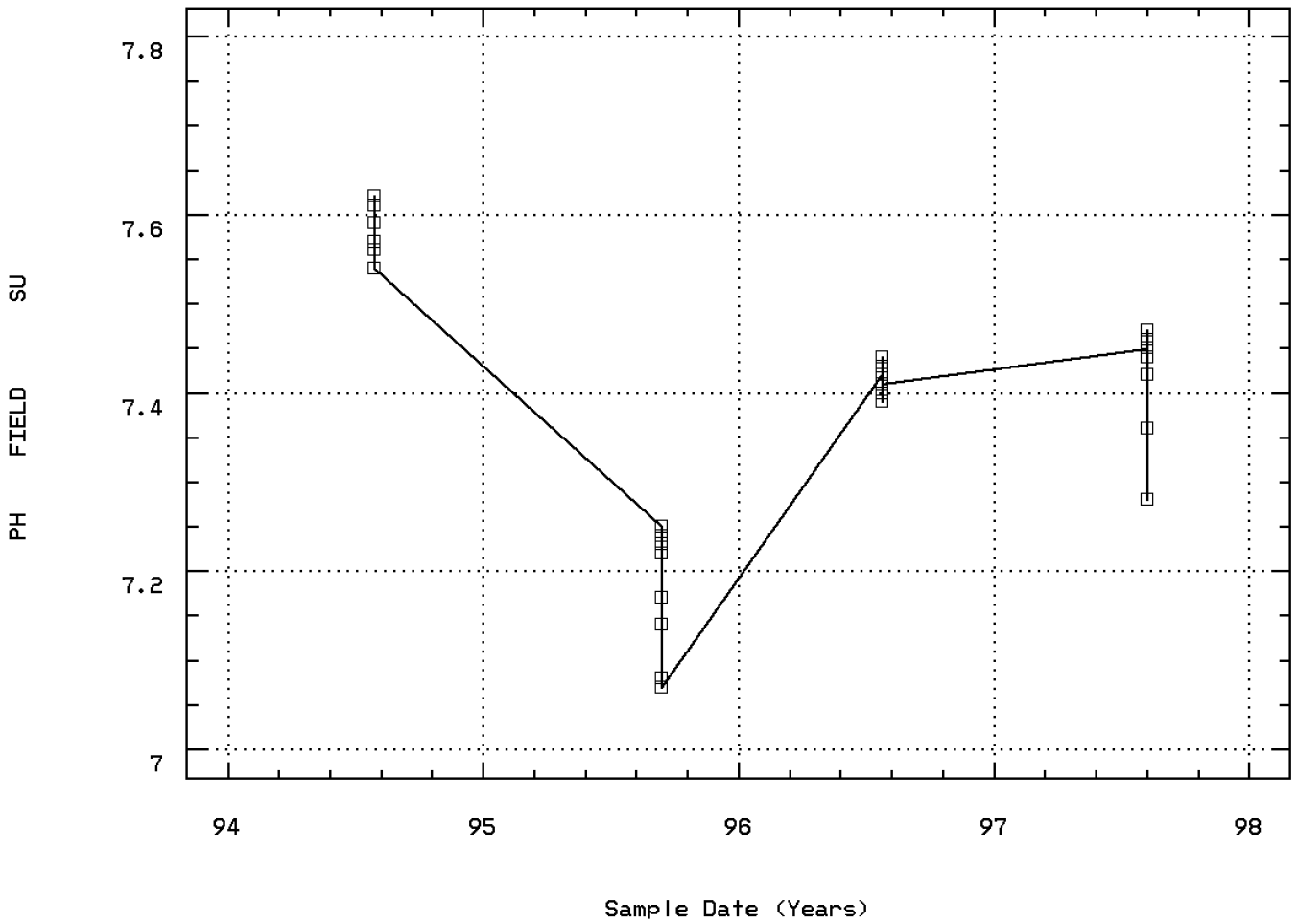
OXYGEN, DISSOLVED, PERCENT OF SATURATIO



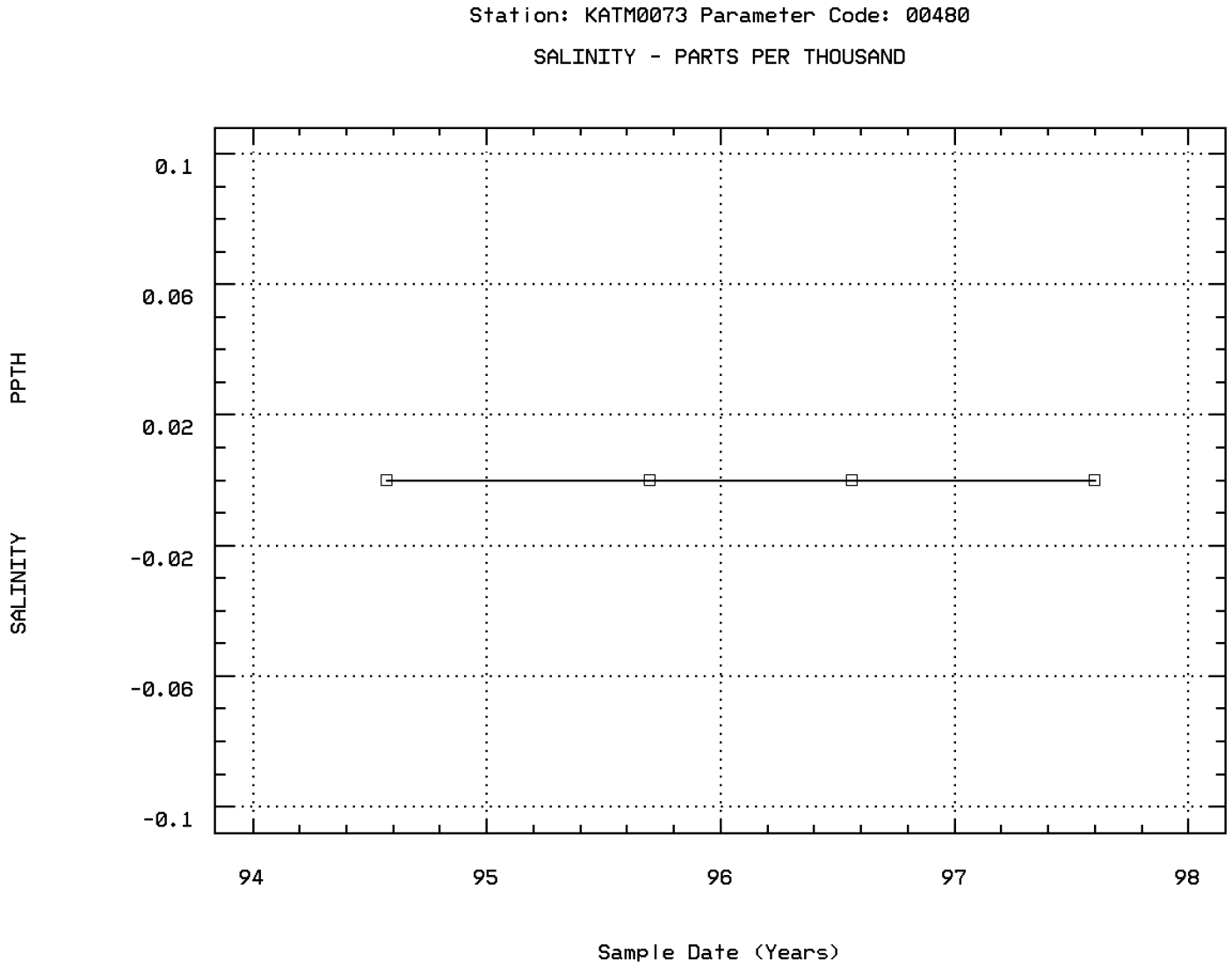
MURRAY LAKE

Station: KATM0073 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



MURRAY LAKE


Station: KATM0073 Parameter Code: 00480
SALINITY - PARTS PER THOUSAND
SALINITY PPTH
0.1
0.06
0.02
-0.02
-0.06
-0.1
94
95
96
97
98
Sample Date (Years)

MURRAY LAKE

Annual Analysis for 1994 - Station KATM0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	11	9.	9.036	9.6	8.4	0.207	0.454	8.42	8.6	9.5	9.58
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	11	32.	32.	34.	30.	3.2	1.789	30.	30.	34.	34.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	11	99.2	98.573	100.4	95.1	2.558	1.599	95.48	97.5	99.8	100.36
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	11	7.61	7.595	7.62	7.54	0.001	0.027	7.544	7.57	7.61	7.62
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/07/97	11	7.61	7.595	7.62	7.54	0.001	0.027	7.544	7.57	7.61	7.62
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/07/97	11	0.025	0.025	0.029	0.024	0.	0.002	0.024	0.025	0.027	0.029
00480p	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	11 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

Annual Analysis for 1995 - Station KATM0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	11	9.7	9.564	9.8	9.1	0.055	0.234	9.12	9.4	9.7	9.78
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	11	32.	32.727	34.	32.	1.018	1.009	32.	32.	34.	34.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	11	29.9	30.673	42.5	24.	32.742	5.722	24.18	25.4	33.	41.74
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	11	7.22	7.192	7.25	7.07	0.004	0.067	7.072	7.14	7.24	7.25
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/07/97	11	7.22	7.187	7.25	7.07	0.005	0.067	7.072	7.14	7.24	7.25
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/07/97	11	0.06	0.065	0.085	0.056	0.	0.011	0.056	0.058	0.072	0.085
00480p	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	11 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

Annual Analysis for 1996 - Station KATM0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	10	10.6	10.45	11.6	9.3	0.927	0.963	9.3	9.375	11.325	11.58
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	10	36.	35.2	36.	34.	1.067	1.033	34.	34.	36.	36.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	10	96.85	96.66	98.1	95.	1.383	1.176	95.03	95.375	97.725	98.07
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	10	7.41	7.412	7.44	7.39	0.	0.015	7.391	7.4	7.422	7.439
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/07/97	10	7.41	7.412	7.44	7.39	0.	0.015	7.391	7.4	7.422	7.439
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/07/97	10	0.039	0.039	0.041	0.036	0.	0.001	0.036	0.038	0.04	0.041
00480p	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	10 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

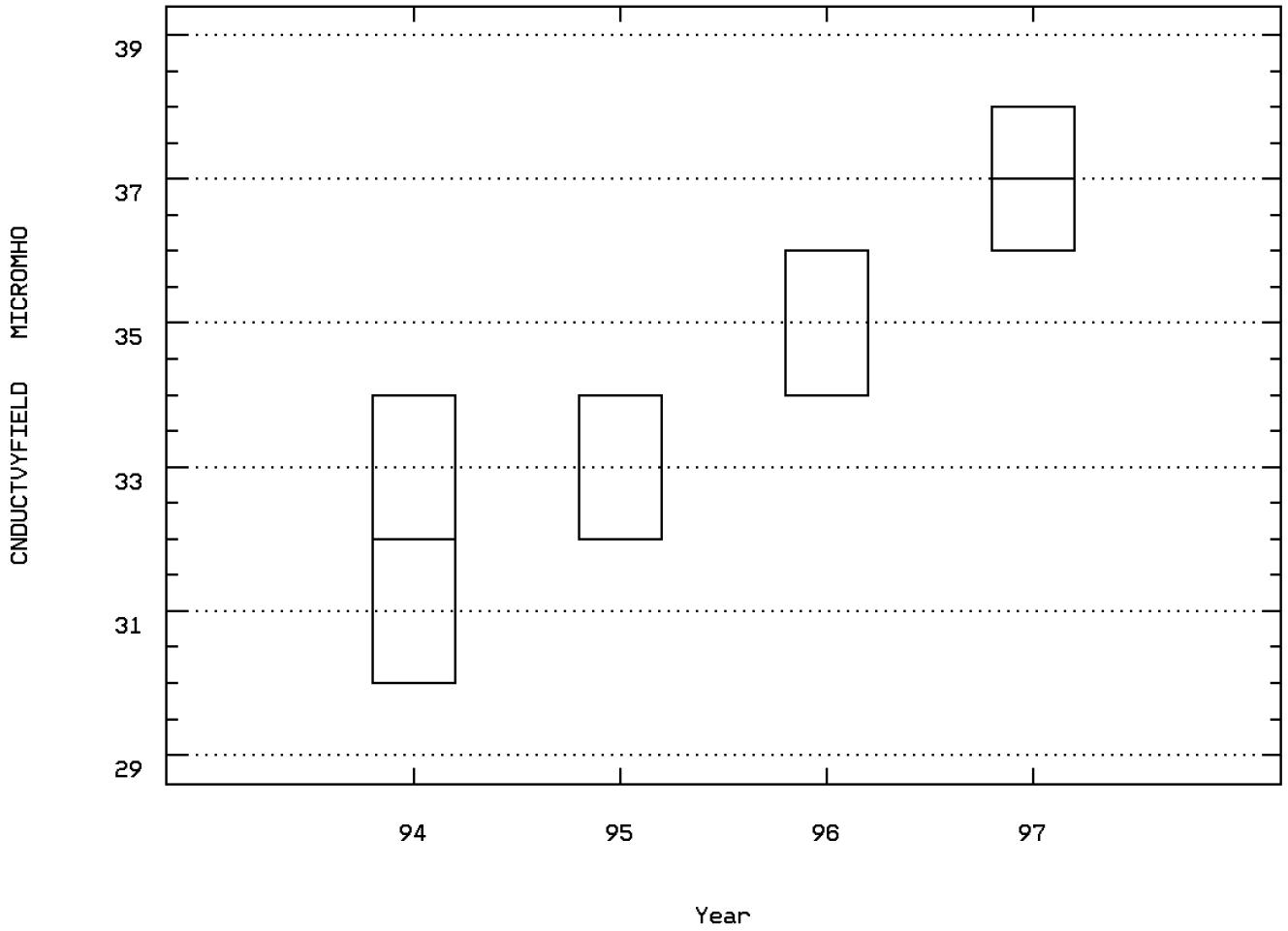
Annual Analysis for 1997 - Station KATM0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	10	13.6	11.45	14.3	6.3	10.963	3.311	6.38	7.775	14.05	14.29
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	10	37.	37.	38.	36.	1.111	1.054	36.	36.	38.	38.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	10	106.35	106.06	107.3	102.4	1.947	1.395	102.72	105.825	106.875	107.28
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	10	7.455	7.427	7.47	7.28	0.004	0.061	7.288	7.405	7.463	7.47
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/07/97	10	7.455	7.423	7.47	7.28	0.004	0.061	7.288	7.405	7.462	7.47
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/07/97	10	0.035	0.038	0.052	0.034	0.	0.006	0.034	0.034	0.039	0.052
00480p	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	10 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

Station: KATM0073 Parameter Code: 00094

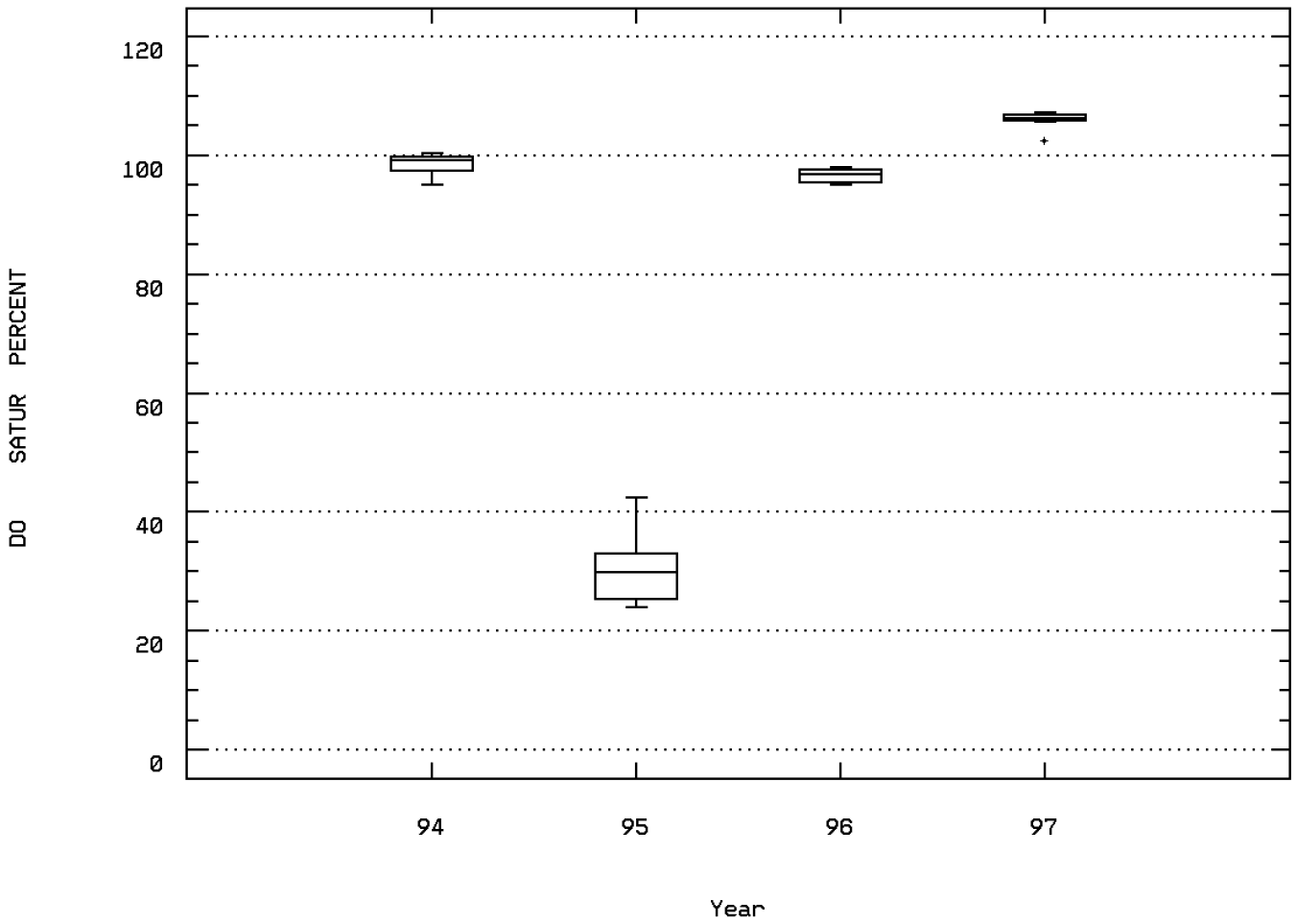
SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @



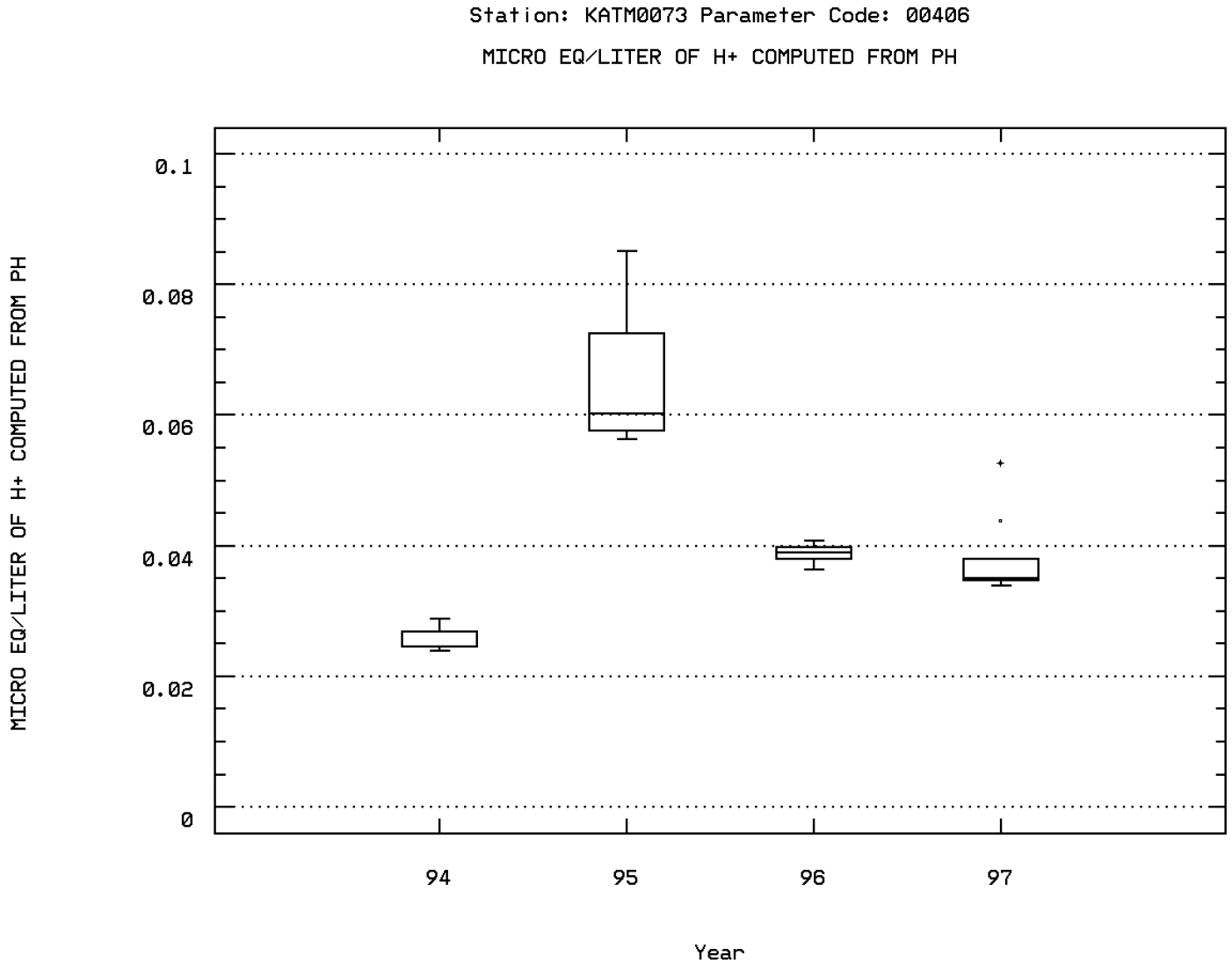
MURRAY LAKE

Station: KATM0073 Parameter Code: 00301

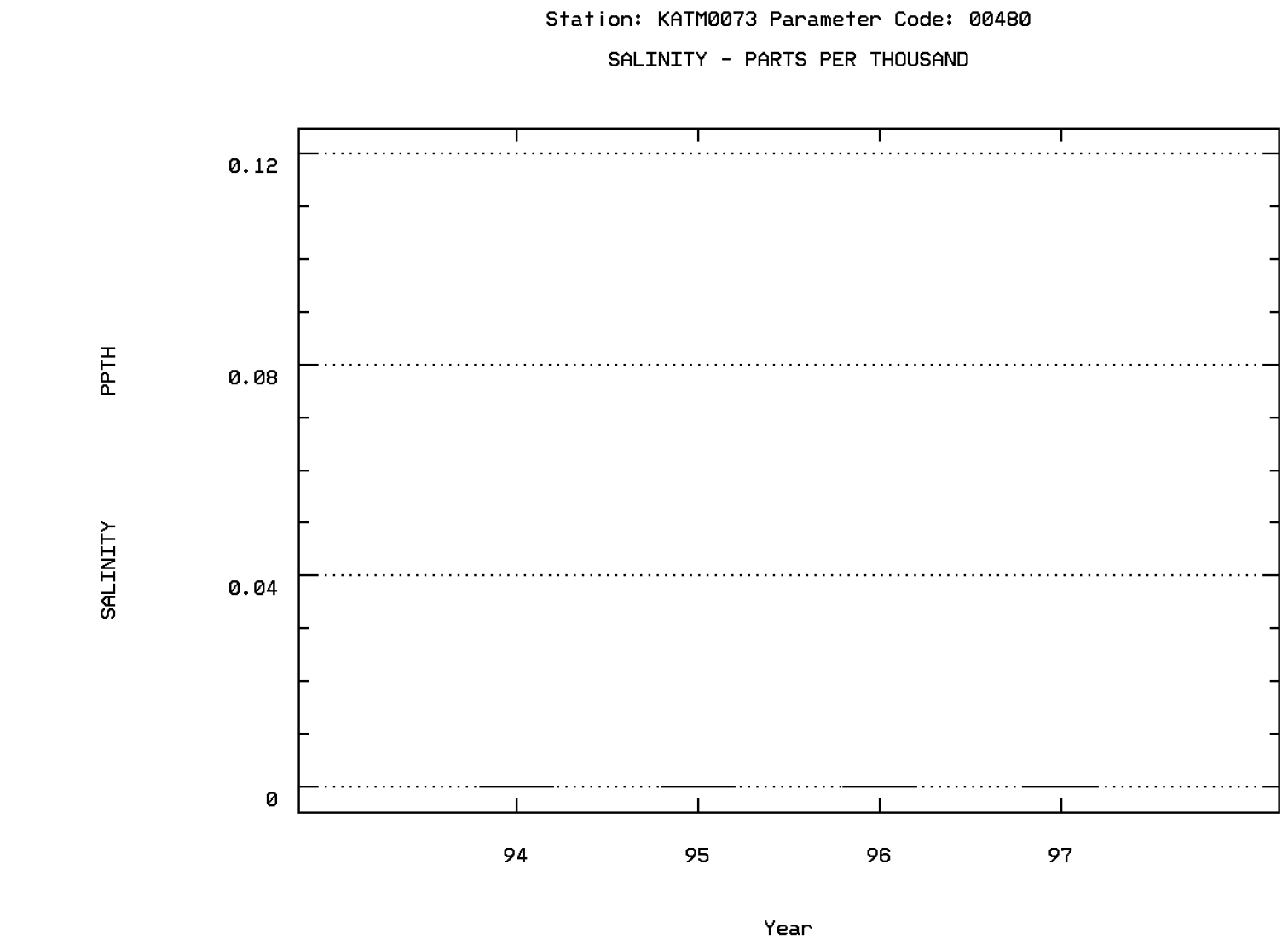
OXYGEN, DISSOLVED, PERCENT OF SATURATIO



MURRAY LAKE


Station: KATM0073 Parameter Code: 00406
MICRO EQ/LITER OF H+ COMPUTED FROM PH
MICRO EQ/LITER OF H+ COMPUTED FROM PH
0.1
0.08
0.06
0.04
0.02
0
94
95
96
97
Year

MURRAY LAKE


Station: KATM0073 Parameter Code: 00480
SALINITY - PARTS PER THOUSAND
SALINITY PPTH
0.12
0.08
0.04
0
94
95
96
97
Year

MURRAY LAKE

Station Inventory for Station: KATM0074

NPS Station ID: KATM0074 | LAT/LON: 58.979392/-155.052560 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_AMS_KUL
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 187 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT KULIK LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. THE VALUE UPLOADED TO STORET REPRESENTS THE MEAN OF TWO REPLICATES. DATA WERE SUMMARIZED IN A 1992 REPORT TITLED "A CHEMICAL SURVEY OF REMOTE LAKES OF THE ALAGNAK AND NAKNEK RIVER SYSTEMS; SOUTHWEST ALASKA; U.S.A." BY ANDREW J. GUNTHER (APPLIED MARINE SCIENCESINC.; LIVERMORE CA). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/84-08/20/84	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-08/20/84	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/20/84-08/20/84	1	1.054	1.054	1.054	1.054	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/20/84-08/20/84	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/20/84-08/20/84	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/20/84-08/20/84	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/84-08/20/84	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/20/84-08/20/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/20/84-08/20/84	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	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 Station: KATM0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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									
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									

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

Station Inventory for Station: KATM0075

NPS Station ID: KATM0075 | LAT/LON: 58.978948/-155.053087 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK LAKE 1991 SAMPLING STATION | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UAF_KL91
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 31 JULY 1990 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/91-07/31/91	17	8.5	8.188	10.1	5.9	3.531	1.879	5.9	6.15	10.1	10.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/91-07/31/91	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/31/91-07/31/91	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/91-07/31/91	17	35.	33.294	41.	23.	34.471	5.871	23.8	28.	38.5	39.4
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	07/31/91-07/31/91	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/31/91-07/31/91	17	10.9	10.876	11.1	10.6	0.046	0.214	10.6	10.6	11.1	11.1
00406	PH, FIELD, STANDARD UNITS SU	07/31/91-07/31/91	17	7.1	7.112	7.4	7.	0.014	0.117	7.	7.	7.2	7.24
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/91-07/31/91	17	7.1	7.098	7.4	7.	0.014	0.117	7.	7.	7.2	7.24
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/91-07/31/91	17	0.079	0.08	0.1	0.04	0.	0.02	0.058	0.063	0.1	0.1
00440	BICARBONATE ION (MG/L AS HCO3)	07/31/91-07/31/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/31/91-07/31/91	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/31/91-07/31/91	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	07/31/91-07/31/91	3 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/91-07/31/91	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/31/91-07/31/91	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/31/91-07/31/91	3	4.2	4.2	4.3	4.1	0.01	0.1	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	07/31/91-07/31/91	3	0.5	0.467	0.5	0.4	0.003	0.058	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	07/31/91-07/31/91	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	07/31/91-07/31/91	3	0.3	0.367	0.5	0.3	0.013	0.115	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/91-07/31/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/91-07/31/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/31/91-07/31/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	07/31/91-07/31/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	07/31/91-07/31/91	3	20.	20.333	21.	20.	0.333	0.577	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	07/31/91-07/31/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	07/31/91-07/31/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	07/31/91-07/31/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	07/31/91-07/31/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	07/31/91-07/31/91	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	07/31/91-07/31/91	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	07/31/91-07/31/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	07/31/91-07/31/91	3	3.2	3.233	3.4	3.1	0.023	0.153	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	07/31/91-07/31/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/31/91-07/31/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	07/31/91-07/31/91	3	15.	14.667	15.	14.	0.333	0.577	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	07/31/91-07/31/91	3 ##	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	07/31/91-07/31/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/31/91-07/31/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/31/91-07/31/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	07/31/91-07/31/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	07/31/91-07/31/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	07/31/91-07/31/91	3	2.	2.	2.	2.	0.	0.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	07/31/91-07/31/91	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	07/31/91-07/31/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	07/31/91-07/31/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	07/31/91-07/31/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	07/31/91-07/31/91	3	2160.	2160.	2200.	2120.	1600.	40.	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	07/31/91-07/31/91	1	0.146	0.146	0.146	0.146	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	07/31/91-07/31/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/31/91-07/31/91	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: KATM0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	17	0	0.00	17	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	17	0	0.00	17	0	0.00									
		Other-Lo Lim.	6.5	17	0	0.00	17	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0076

NPS Station ID: KATM0076 | LAT/LON: 58.967420/-155.053949 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK LAKE STREAM 11 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_KL11
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE STREAM 11 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	1	13.8	13.8	13.8	13.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	1	7.48	7.48	7.48	7.48	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/92-07/24/92	1	7.48	7.48	7.48	7.48	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/92-07/24/92	1	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/92-07/24/92	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/92-07/24/92	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: KATM0076

				Total	Exceed	Prop.	7/20-10/14			10/15-2/19			2/20-5/09			5/10-7/19		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

& - 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: KATM0076

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0077

NPS Station ID: KATM0077 | LAT/LON: 58.990476/-155.060060 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK LAKE STREAM 1 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_KL01
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KULIK LAKE STREAM 1 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/92-07/24/92	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/92-07/24/92	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/92-07/24/92	1	6.77	6.77	6.77	6.77	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/92-07/24/92	1	6.77	6.77	6.77	6.77	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/92-07/24/92	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/92-07/24/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/24/92-07/24/92	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/92-07/24/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/92-07/24/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	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.	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: KATM0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0078

NPS Station ID: KATM0078 | LAT/LON: 58.782616/-155.062282 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: MURRAY LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_AMS_MUR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 502 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT MURRAY LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. THE VALUE UPLOADED TO STORET REPRESENTS THE MEAN OF TWO ANALYTICAL REPLICATES. DATA ARE SUMMARIZED IN A 1992 REPORT TITLED "A CHEMICAL SURVEY OF REMOTE LAKES OF THE ALAGNAK AND NAKNEK RIVER SYSTEMS; SOUTHWEST ALASKA; U.S.A." BY ANDREW J. GUNTHER (APPLIED MARINE SCIENCES INC.; LIVERMORE CA). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/84-08/20/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-08/20/84	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/20/84-08/20/84	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/20/84-08/20/84	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/20/84-08/20/84	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/20/84-08/20/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/20/84-08/20/84	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	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									

& - 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: KATM0078

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
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									

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

Station Inventory for Station: KATM0079

NPS Station ID: KATM0079 | LAT/LON: 58.782699/-155.063782 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: MURRAY LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UCB_MUR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT MURRAY LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. DATA WERE COLLECTED AT THIS SITE ON 20 AUGUST 1984. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/84-08/20/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-08/20/84	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	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: KATM0080

NPS Station ID: KATM0080 | LAT/LON: 57.907504/-155.070004 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_03
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KARLUCK (D-4) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	150291.55	150291.55	262205.	38378.125049240581.805		158269.519	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	381066.65	381066.65	680004.	82129.3178727078450.045		422761.255	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	211931.25	211931.25	391300.	32562.564346296953.125		253665.719	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	## 0.	0.	0.	0.	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	43978.	43978.	77426.9	10529.12237657822.42		47303.888	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	120771.1	120771.1	210270.	31272.216020106202.42		126570.558	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	75955.6	75955.6	130086.	21825.25860200408.32		76551.946	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	35939.1	35939.1	65834.5	6043.71787469882.32		42278.48	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	167582.25	167582.25	285749.	49415.527926761611.125		167113.02	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	156016.15	156016.15	267331.	44701.3247819991661.045		157422.971	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	81808.45	81808.45	143063.	20553.97504239791.405		86627.015	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	521.065	521.065	827.35	214.78	187621.002	433.152	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	15807.72	15807.72	26970.	4645.44249192989.597		15785.848	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	18117.42	18117.42	30513.9	5720.94307345432.781		17531.27	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	19914.17	19914.17	32801.2	7027.14332151084.442		18225.013	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	7638.29	7638.29	13195.6	2080.98	61767388.872	7859.223	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	45963.575	45963.575	85021.4	6905.753051027387.461		55236.106	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	52146.75	52146.75	90989.4	13304.13017502918.045		54931.802	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	14023.125	14023.125	26607.1	1439.15316712853.601		17796.428	**	**	**	**

** - Less than 9 observations ## - 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: KATM0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/04/92-08/04/92	2	66888.2	66888.2	119135.	14641.45459456220.48		73888.133	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2 ##	467.5	467.5	935.	0.	437112.5	661.145	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	546203.	546203.	986325.	106081.387414749768.		622426.501	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	210936.	210936.	362797.	59075.46123526642.		214763.886	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	176487.	176487.	306618.	46356.33868154322.		184033.025	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	466098.	466098.	825187.	107009.257889819842.		507828.534	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	734293.	734293.	1344910.	123676.745706241378.		863542.843	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	227520.5	227520.5	391503.	63538.53780520612.5		231906.275	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	217009.5	217009.5	372453.	61566.48325363384.5		219830.306	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	642919.	642919.	1179960.	105878.576826071362.		759490.666	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	430384.	430384.	752912.	107856.208048621568.		456123.472	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	391218.	391218.	683243.	99193.170557201250.		412985.716	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	665950.5	665950.5	1211930.	119971.596187228840.5		772131.614	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	737361.	737361.	1342370.	132352.732071780162.		855611.933	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	148340.5	148340.5	253843.	42838.22261555012.5		149203.066	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	625086.5	625086.5	1130010.	120163.509895481704.5		714069.662	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	764077.5	764077.5	1335850.	192305.653847583512.5		808608.424	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	419290.	419290.	730926.	107654.194233992992.		440719.858	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	4551.415	4551.415	8653.28	449.55	33650592.956	5800.913	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	15436.115	15436.115	25587.	5285.23206080932.566		14355.519	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	55327.1	55327.1	92770.9	17883.32804076316.88		52953.53	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	217573.1	217573.1	370700.	64446.246895695007.22		216554.139	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	264136.75	264136.75	452918.	75355.571276720703.125		266977.004	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/04/92-08/04/92	2	140086.55	140086.55	244149.	36024.121657987000.005		147166.528	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/04/92-08/04/92	2	13.262	13.262	25.403	1.12	294.832	17.171	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/04/92-08/04/92	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/04/92-08/04/92	2	2.878	2.878	4.984	0.772	8.87	2.978	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/04/92-08/04/92	2 ##	0.051	0.051	0.101	0.	0.005	0.071	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/04/92-08/04/92	2	1.738	1.738	3.096	0.38	3.688	1.921	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/04/92-08/04/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/04/92-08/04/92	2	3.404	3.404	5.874	0.934	12.202	3.493	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/04/92-08/04/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/04/92-08/04/92	2	20.374	20.374	34.886	5.861	421.225	20.524	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/04/92-08/04/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/04/92-08/04/92	2	4.193	4.193	7.636	0.75	23.708	4.869	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/04/92-08/04/92	2	0.648	0.648	1.158	0.138	0.52	0.721	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/04/92-08/04/92	2	8.669	8.669	16.05	1.288	108.958	10.438	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/04/92-08/04/92	2	30.469	30.469	54.608	6.329	1165.431	34.138	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/04/92-08/04/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/04/92-08/04/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/04/92-08/04/92	2	4.223	4.223	7.222	1.224	17.988	4.241	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	2	690838.	690838.	1264360.	117316.657854968968.		811082.591	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	2	810661.	810661.	1484240.	137082.907417338482.		952584.557	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	2	537841.5	537841.5	986794.	88889.403116694512.5		634914.714	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	2	32130.	32130.	60321.	3939. 1589464962.		39868.095	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	2	156225.	156225.	293021.	19429.37426291232.		193458.758	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	2	548895.5	548895.5	981014.	116777.373452796084.5		611107.843	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/04/92-08/04/92	2	273396.5	273396.5	508157.	38636.110224984720.5		332001.483	**	**	**	**

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

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

Station Inventory for Station: KATM0081

NPS Station ID: KATM0081 | LAT/LON: 57.907810/-155.070309 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_04
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KARLUCK (D-4) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	207606.5	207606.5	261853.	153360.	5885365524.5	76716.136	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	276909.	276909.	368987.	184831.	16956716168.	130217.956	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	123616.1	123616.1	184514.	62718.	27417108448.82	86122.636	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	## 112.69	112.69	225.38	0.	25398.072	159.368	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	50247.4	50247.4	62119.3	38375.5	281884019.22	16789.402	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	106123.75	106123.75	125092.	87155.5	719589016.125	26825.156	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	55434.15	55434.15	65208.1	45660.2	191060197.205	13822.453	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	25366.4	25366.4	37022.5	13710.3	271729334.42	16484.215	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	133983.	133983.	160803.	107163.	1438624800.	37929.208	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	114170.75	114170.75	139008.	89333.5	1233777975.125	35125.176	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	63326.6	63326.6	80250.8	46402.4	572857091.28	23934.433	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	3533.18	3533.18	4430.66	2635.7	1610940.701	1269.228	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	19955.2	19955.2	23134.4	16776.	20214625.28	4496.068	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	20762.05	20762.05	25052.6	16471.5	36817638.605	6067.754	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	25565.45	25565.45	30780.	20350.9	54383063.405	7374.487	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	3903.17	3903.17	4693.83	3112.51	1250286.471	1118.162	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	27066.7	27066.7	40299.5	13833.9	350213991.68	18714.005	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	64764.15	64764.15	83251.5	46276.8	683564220.045	26145.061	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	7933.03	7933.03	13237.8	2628.26	56281169.506	7502.078	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: KATM0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/11/94-08/11/94	2	53188.5	53188.5	68565.4	37811.6	472898107.22	21746.221	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	1550.7	1550.7	2210.7	890.7	871200.	933.381	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	357581.	357581.	458604.	256558.2	0411293058.	142868.097	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	237546.5	237546.5	306666.	168427.	9555010560.5	97749.734	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	181599.	181599.	210023.	153175.	1615847552.	40197.606	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	383452.5	383452.5	478321.	288584.1	8000064584.5	134164.319	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	626677.5	626677.5	957751.	295604.2	19219324804.5	468208.634	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	258602.	258602.	330639.	186565.1	0378658738.	101875.702	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	252121.5	252121.5	321108.	183135.	9518274364.5	97561.644	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	570750.5	570750.5	908443.	233058.2	28072449112.5	477569.313	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	376672.5	376672.5	458781.	294564.1	3483611544.5	116118.954	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	177939.55	177939.55	352780.	3099.161	138365912.405	247261.736	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	628512.	628512.	953626.	303398.2	11398225992.	459780.628	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	679809.5	679809.5	1033570.	326049.2	50292982720.5	500292.897	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	148499.	148499.	171055.	125943.	1017546272.	31899.001	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	386814.	386814.	501332.	272296.2	6228744648.	161952.909	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	796514.	796514.	1176330.	416698.2	88520387712.	537140.938	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	527616.5	527616.5	765869.	289364.1	13528507512.5	336939.917	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	3125.79	3125.79	4931.28	1320.3	6519588.28	2553.348	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	34314.3	34314.3	41341.3	27287.3	98757458.	9937.679	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	89641.85	89641.85	106665.	72618.7	579575271.845	24074.37	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	333337.	333337.	400375.	266299.	8988186888.	94806.049	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	390666.	390666.	479164.	302168.1	5663792008.	125155.072	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/11/94-08/11/94	2	268167.	268167.	346154.	190180.1	2163944338.	110290.273	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/11/94-08/11/94	2	7.44	7.44	12.607	2.273	53.396	7.307	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/11/94-08/11/94	2	1.035	1.035	1.465	0.604	0.371	0.609	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/11/94-08/11/94	2	1.539	1.539	1.878	1.2	0.23	0.479	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/11/94-08/11/94	2	0.769	0.769	0.898	0.639	0.034	0.183	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/11/94-08/11/94	2	0.618	0.618	0.781	0.455	0.053	0.231	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/11/94-08/11/94	2	0.551	0.551	0.672	0.429	0.03	0.172	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/11/94-08/11/94	2	1.979	1.979	2.375	1.583	0.314	0.56	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/11/94-08/11/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/11/94-08/11/94	2	15.548	15.548	18.526	12.569	17.743	4.212	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/11/94-08/11/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/11/94-08/11/94	2	2.972	2.972	3.734	2.209	1.163	1.078	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/11/94-08/11/94	2	0.978	0.978	1.159	0.796	0.066	0.257	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/11/94-08/11/94	2	8.956	8.956	12.725	5.186	28.418	5.331	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/11/94-08/11/94	2	43.501	43.501	60.92	26.082	606.843	24.634	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/11/94-08/11/94	2	0.218	0.218	0.264	0.171	0.004	0.066	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/11/94-08/11/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/11/94-08/11/94	2	7.636	7.636	9.197	6.075	4.873	2.208	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	2	512655.5	512655.5	765045.	260266.1	27400919420.5	356932.654	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	2	699029.	699029.	1103500.	294558.3	27193579682.	572008.374	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	2	484880.5	484880.5	764704.	205057.1	56602382304.5	395730.189	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	2	14965.1	14965.1	22597.3	7332.9	116500953.68	10793.561	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	2	76634.25	76634.25	111063.	42205.5	2370677653.125	48689.605	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	2	399528.	399528.	501007.	298049.2	0595974882.	143512.978	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/11/94-08/11/94	2	253463.5	253463.5	419013.	87914.5	4813273900.5	234122.348	**	**	**	**

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

Station Inventory for Station: KATM0082

NPS Station ID: KATM0082
LAT/LON: 58.791337/-155.073699
Agency: 11NPSWRD
Date Created: 03/13/99
Location: MURRAY LAKE 1992 SAMPLING STATION
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_UAF_ML92
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT MURRAY LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 7 AUGUST 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/92-08/07/92	11	10.4	9.627	10.6	6.6	1.9	1.378	6.78	9.	10.5	10.58
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/07/92-08/07/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/07/92-08/07/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/92-08/07/92	11	37.	35.545	39.	31.	9.273	3.045	31.2	32.	38.	39.
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/07/92-08/07/92	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/92-08/07/92	11	10.2	10.409	11.1	10.2	0.111	0.333	10.2	10.2	10.5	11.08
00406	PH, FIELD, STANDARD UNITS SU	08/07/92-08/07/92	11	6.6	6.636	6.7	6.6	0.003	0.05	6.6	6.6	6.7	6.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/07/92-08/07/92	11	6.6	6.634	6.7	6.6	0.003	0.051	6.6	6.6	6.7	6.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/92-08/07/92	11	0.251	0.232	0.251	0.2	0.001	0.026	0.2	0.2	0.251	0.251
00440	BICARBONATE ION (MG/L AS HCO3)	08/07/92-08/07/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/07/92-08/07/92	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/07/92-08/07/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/07/92-08/07/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/07/92-08/07/92	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/92-08/07/92	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/07/92-08/07/92	3	3.8	3.767	3.8	3.7	0.003	0.058	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/07/92-08/07/92	3	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/07/92-08/07/92	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/07/92-08/07/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/92-08/07/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/07/92-08/07/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/07/92-08/07/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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Parameter Inventory for Station: KATM0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/07/92-08/07/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/07/92-08/07/92	3	6.	9.667	20.	3.	82.333	9.074	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/07/92-08/07/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/07/92-08/07/92	3 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/07/92-08/07/92	3 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/07/92-08/07/92	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/07/92-08/07/92	3 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/07/92-08/07/92	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/07/92-08/07/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/07/92-08/07/92	3	2.2	2.2	2.3	2.1	0.01	0.1	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/07/92-08/07/92	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/07/92-08/07/92	3 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/07/92-08/07/92	3	12.	11.667	12.	11.	0.333	0.577	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/07/92-08/07/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/07/92-08/07/92	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/07/92-08/07/92	3 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/07/92-08/07/92	3 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/07/92-08/07/92	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/07/92-08/07/92	3 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/07/92-08/07/92	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/07/92-08/07/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/07/92-08/07/92	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/07/92-08/07/92	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/07/92-08/07/92	3 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/07/92-08/07/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/07/92-08/07/92	3	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/07/92-08/07/92	1	0.177	0.177	0.177	0.177	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/07/92-08/07/92	3 ##	20.	21.667	25.	20.	8.333	2.887	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/07/92-08/07/92	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	0	0.00	11	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	11	0	0.00	11	0	0.00									
		Other-Lo Lim.	6.5	11	0	0.00	11	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	0 &	0	0.00												
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0083

NPS Station ID: KATM0083 LAT/LON: 58.281837/-155.080338 Agency: 11NPSWRD Date Created: 03/13/99
Location: UPPER KNIFE CREEK BELOW KATMAI VOLCANO GLACIERS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_29
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT UPPER KNIFE CREEK BELOW THE GLACIERS (1;2;3) ON THE WEST SLOPES OF KATMAI VOLCANO AT THE SOUTHEAST END OF THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 26 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/89-08/26/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/89-08/26/89	1	268.	268.	268.	268.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/26/89-08/26/89	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/26/89-08/26/89	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/89-08/26/89	1	125.893	125.893	125.893	125.893	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/26/89-08/26/89	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/26/89-08/26/89	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/89-08/26/89	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/89-08/26/89	1	20.7	20.7	20.7	20.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/89-08/26/89	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/89-08/26/89	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/89-08/26/89	1	1.26	1.26	1.26	1.26	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/26/89-08/26/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/26/89-08/26/89	1	111.	111.	111.	111.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/89-08/26/89	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/89-08/26/89	1	51.2	51.2	51.2	51.2	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/89-08/26/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/89-08/26/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/89-08/26/89	1	39000.	39000.	39000.	39000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/89-08/26/89	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/26/89-08/26/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/26/89-08/26/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/26/89-08/26/89	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: KATM0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0084

NPS Station ID: KATM0084 | LAT/LON: 57.916699/-155.083310 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_05
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KARLUCK (D-4) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	11.85	11.85	11.85	11.85	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	8.34	8.34	8.34	8.34	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	6.51	6.51	6.51	6.51	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	1.64	1.64	1.64	1.64	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	3.71	3.71	3.71	3.71	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	53.76	53.76	53.76	53.76	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	9.37	9.37	9.37	9.37	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	4.18	4.18	4.18	4.18	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	15.59	15.59	15.59	15.59	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	16.39	16.39	16.39	16.39	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	6.88	6.88	6.88	6.88	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.17	5.17	5.17	5.17	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	5.28	5.28	5.28	5.28	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	1.24	1.24	1.24	1.24	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	3.07	3.07	3.07	3.07	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	11.81	11.81	11.81	11.81	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/17/89-08/17/89	1	2.56	2.56	2.56	2.56	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	23.93	23.93	23.93	23.93	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	38.5	38.5	38.5	38.5	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	30.69	30.69	30.69	30.69	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	18.99	18.99	18.99	18.99	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	53.74	53.74	53.74	53.74	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	27.3	27.3	27.3	27.3	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	26.82	26.82	26.82	26.82	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	29.53	29.53	29.53	29.53	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	29.5	29.5	29.5	29.5	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	29.32	29.32	29.32	29.32	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	52.38	52.38	52.38	52.38	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	28.7	28.7	28.7	28.7	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	36.2	36.2	36.2	36.2	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	28.71	28.71	28.71	28.71	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	33.3	33.3	33.3	33.3	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	13.01	13.01	13.01	13.01	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	83.8	83.8	83.8	83.8	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	43.2	43.2	43.2	43.2	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	28.71	28.71	28.71	28.71	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	37.08	37.08	37.08	37.08	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	7.45	7.45	7.45	7.45	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	3.15	3.15	3.15	3.15	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	8.07	8.07	8.07	8.07	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	15.81	15.81	15.81	15.81	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	13.24	13.24	13.24	13.24	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	08/17/89-08/17/89	1	22.43	22.43	22.43	22.43	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/17/89-08/17/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	31.9	31.9	31.9	31.9	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	43.4	43.4	43.4	43.4	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	56.51	56.51	56.51	56.51	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	16.09	16.09	16.09	16.09	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	10.73	10.73	10.73	10.73	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	31.72	31.72	31.72	31.72	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/17/89-08/17/89	1	27.91	27.91	27.91	27.91	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0085

NPS Station ID: KATM0085 LAT/LON: 58.299503/-155.089003 Agency: 11NPSWRD Date Created: 03/13/99
Location: UPPER KNIFE CREEK BELOW KATMAI VOLCANO GLACIERS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_26
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT UPPER KNIFE CREEK BELOW GLACIER 5 ON THE WEST SLOPES OF KATMAI VOLCANO AT THE SOUTHEAST END OF THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 26 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/89-08/26/89	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/89-08/26/89	1	121.	121.	121.	121.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/26/89-08/26/89	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/26/89-08/26/89	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/89-08/26/89	1	39.811	39.811	39.811	39.811	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/26/89-08/26/89	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/26/89-08/26/89	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/89-08/26/89	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/89-08/26/89	1	14.7	14.7	14.7	14.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/89-08/26/89	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/89-08/26/89	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/89-08/26/89	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/26/89-08/26/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/26/89-08/26/89	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/89-08/26/89	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/89-08/26/89	1	40.9	40.9	40.9	40.9	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/89-08/26/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/89-08/26/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/89-08/26/89	1	26400.	26400.	26400.	26400.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/89-08/26/89	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/26/89-08/26/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/26/89-08/26/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/26/89-08/26/89	1	6.	6.	6.	6.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0086

NPS Station ID: KATM0086 LAT/LON: 58.298504/-155.094003 Agency: 11NPSWRD Date Created: 03/13/99
Location: UPPER KNIFE CREEK DRAINING KATMAI GLACIER FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_27
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT UPPER KNIFE CREEK DRAINING GLACIER 4 ON THE WEST SLOPES OF KATMAI VOLCANO AT THE SOUTHEAST END OF THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 26 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/89-08/26/89	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/89-08/26/89	1	292.	292.	292.	292.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/26/89-08/26/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/26/89-08/26/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/89-08/26/89	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/26/89-08/26/89	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/26/89-08/26/89	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/89-08/26/89	1	63.096	63.096	63.096	63.096	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/89-08/26/89	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/89-08/26/89	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/89-08/26/89	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/89-08/26/89	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/26/89-08/26/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/26/89-08/26/89	1	106.	106.	106.	106.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/89-08/26/89	1	1.83	1.83	1.83	1.83	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/89-08/26/89	1	28.6	28.6	28.6	28.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/89-08/26/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/89-08/26/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/89-08/26/89	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/89-08/26/89	1	390.	390.	390.	390.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/26/89-08/26/89	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/26/89-08/26/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/26/89-08/26/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/26/89-08/26/89	1	-114.	-114.	-114.	-114.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/26/89-08/26/89	1	-14.8	-14.8	-14.8	-14.8	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: KATM0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0087

NPS Station ID: KATM0087 | LAT/LON: 58.273838/-155.094670 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: THE TURTLE NORTHEAST OF THE NOVARUPTA DOME | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_KEITH_23
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE NOVARUPTA BASIN UNDERNEATH A LARGE MOUND OF 1912 FALLBACK EJECTA LYING NORTHEAST OF THE NOVARUPTA DOME CALLED "THE TURTLE" AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE OF MELTWATER FROM BENEATH A SNOWBANK WAS COLLECTED BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 25 JULY 1982 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/82-07/25/82	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/82-07/25/82	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/25/82-07/25/82	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/25/82-07/25/82	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/82-07/25/82	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/25/82-07/25/82	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/25/82-07/25/82	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/82-07/25/82	1	3.162	3.162	3.162	3.162	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/25/82-07/25/82	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/25/82-07/25/82	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/25/82-07/25/82	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/25/82-07/25/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/25/82-07/25/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/25/82-07/25/82	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/25/82-07/25/82	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/25/82-07/25/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/25/82-07/25/82	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/25/82-07/25/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/25/82-07/25/82	1	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0087

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0088

NPS Station ID: KATM0088 LAT/LON: 58.293670/-155.110838 Agency: 11NPSWRD Date Created: 03/13/99
Location: UPPER KNIFE CREEK BELOW KATMAI VOLCANO GLACIERS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_28
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT UPPER KNIFE CREEK BELOW THE GLACIERS (1;2;3;4) ON THE WEST SLOPES OF KATMAI VOLCANO AT THE SOUTHEAST END OF THE VALLEY OF TEN THOUSAND SMOKES (VTTS). WATER QUALITY SAMPLES WERE COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) IN THE 1980'S AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/86-08/26/89	2	3.35	3.35	3.7	3.	0.245	0.495	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/01/86-08/26/89	2	217.	217.	246.	188.	1682.	41.012	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/01/86-08/26/89	2	4.2	4.2	4.5	3.9	0.18	0.424	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/01/86-08/26/89	2	4.104	4.104	4.5	3.9	0.199	0.446	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/86-08/26/89	2	78.758	78.758	125.893	31.623	4443.394	66.659	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/01/86-08/26/89	2	5.25	5.25	5.3	5.2	0.005	0.071	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/01/86-08/26/89	2	5.247	5.247	5.3	5.2	0.005	0.071	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/86-08/26/89	2	5.661	5.661	6.31	5.012	0.842	0.918	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/86-08/26/89	2	21.9	21.9	22.7	21.1	1.28	1.131	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/86-08/26/89	2	2.75	2.75	2.9	2.6	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/86-08/26/89	2	5.15	5.15	6.5	3.8	3.645	1.909	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/86-08/26/89	2	0.49	0.49	0.64	0.34	0.045	0.212	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/01/86-08/26/89	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/01/86-08/26/89	2	70.5	70.5	79.	62.	144.5	12.021	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/86-08/26/89	2	1.685	1.685	3.15	0.22	4.292	2.072	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/01/86-08/26/89	2	25.9	25.9	38.5	13.3	317.52	17.819	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/89-08/26/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/01/86-08/26/89	2 ##	37.5	37.5	50.	25.	312.5	17.678	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/89-08/26/89	1	10200.	10200.	10200.	10200.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/89-08/26/89	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/26/89-08/26/89	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/01/86-08/26/89	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/01/86-08/26/89	2	## 4.5	4.5	9.	0.	40.5	6.364	**	**	**	**
50982	OXYGEN-18/OXYGEN-16 IN SULFATE(DELTA)O-18(S04)0/00	08/26/89-08/26/89	1	-7.4	-7.4	-7.4	-7.4	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/26/89-08/26/89	1	-108.	-108.	-108.	-108.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/26/89-08/26/89	1	-14.3	-14.3	-14.3	-14.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0089

NPS Station ID: KATM0089 LAT/LON: 58.298003/-155.112504 Agency: 11NPSWRD Date Created: 03/13/99
Location: UPPER KNIFE CREEK BELOW KATMAI VOLCANO GLACIERS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_25
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT UPPER KNIFE CREEK BELOW THE GLACIERS (4;5) ON THE WEST SLOPES OF KATMAI VOLCANO AT THE SOUTHEAST END OF THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 26 JULY 1982 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/26/82-07/26/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/26/82-07/26/82	1	264.	264.	264.	264.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/26/82-07/26/82	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/26/82-07/26/82	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/82-07/26/82	1	63.096	63.096	63.096	63.096	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/26/82-07/26/82	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/26/82-07/26/82	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/82-07/26/82	1	3.981	3.981	3.981	3.981	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/26/82-07/26/82	1	16.6	16.6	16.6	16.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/26/82-07/26/82	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/26/82-07/26/82	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/26/82-07/26/82	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/26/82-07/26/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/26/82-07/26/82	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/82-07/26/82	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/82-07/26/82	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/26/82-07/26/82	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/82-07/26/82	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	07/26/82-07/26/82	1	30.	30.	30.	30.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/26/82-07/26/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	07/26/82-07/26/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/26/82-07/26/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/26/82-07/26/82	1	-117.	-117.	-117.	-117.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/26/82-07/26/82	1	-15.9	-15.9	-15.9	-15.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0089

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0090

NPS Station ID: KATM0090 | LAT/LON: 58.828670/-155.116671 | Agency: 11NPSWRD | Date Created: 03/27/99
Location: HAMMERSLY LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_NPS_HAM
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT HAMMERSLY LAKE AND IS LOCATED INSIDE THE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. DATA ARE FROM THE KATM WATER QUALITY DATA BASE AND WERE COLLECTED FROM 1994 THROUGH 1997 BY KATM STAFF AS PART OF AN ON GOING STUDY TO MONITOR WATER QUALITY OF THE 11 LARGE KATM LAKES. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0090

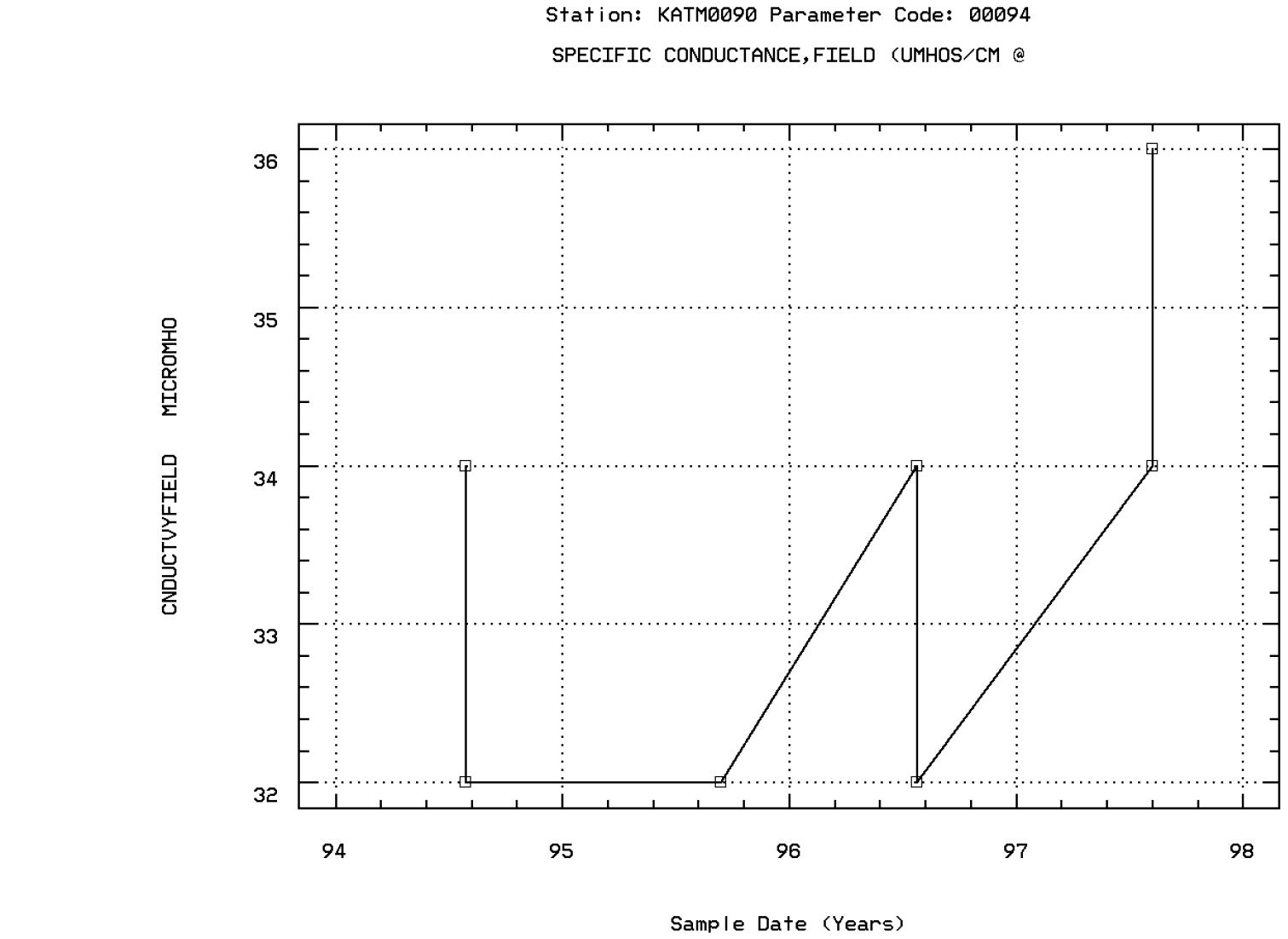
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/07/97	40	10.4	10.678	14.8	6.9	4.004	2.001	8.23	9.45	11.7	14.49
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/12/95-08/07/97	4	17.95	18.375	21.	16.6	3.949	1.987	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/07/97	40	33.	33.15	36.	32.	1.618	1.272	32.	32.	34.	34.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-08/07/97	28	10.7	11.	13.2	10.1	0.854	0.924	10.19	10.6	10.8	13.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/07/97	40	99.	87.288	113.2	33.5	707.584	26.6	40.98	62.325	106.95	110.52
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/07/97	40	7.59	7.461	7.72	6.94	0.055	0.234	7.036	7.27	7.648	7.72
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/07/97	40	7.59	7.393	7.72	6.94	0.059	0.244	7.036	7.27	7.648	7.72
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/07/97	40	0.026	0.04	0.115	0.019	0.001	0.026	0.019	0.023	0.054	0.093
00480p	SALINITY - PARTS PER THOUSAND	07/28/94-08/07/97	40 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

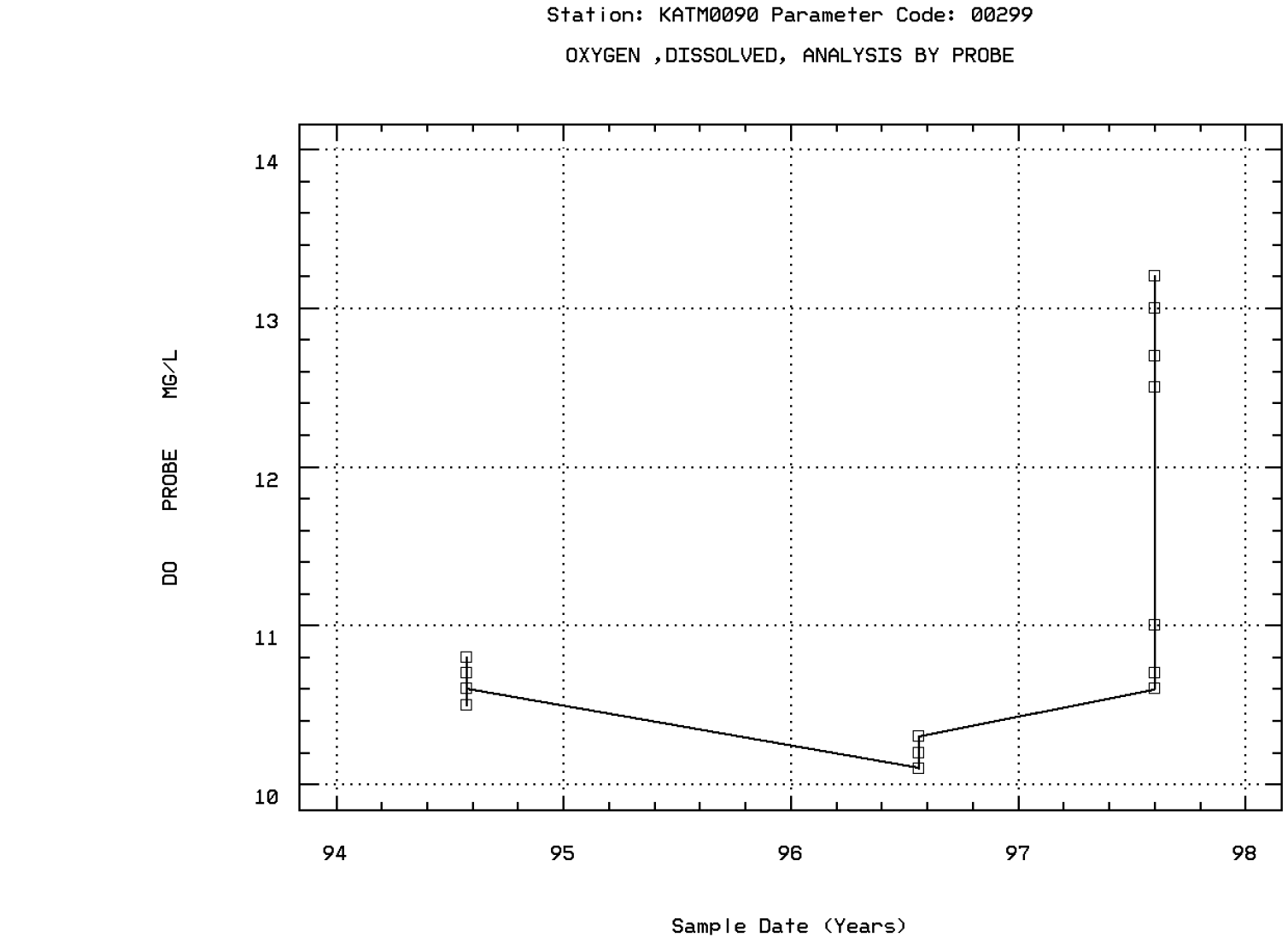
EPA Water Quality Criteria Analysis for Station: KATM0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	28	0	0.00	28	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	40	0	0.00	40	0	0.00									
		Other-Lo Lim.	6.5	40	0	0.00	40	0	0.00									

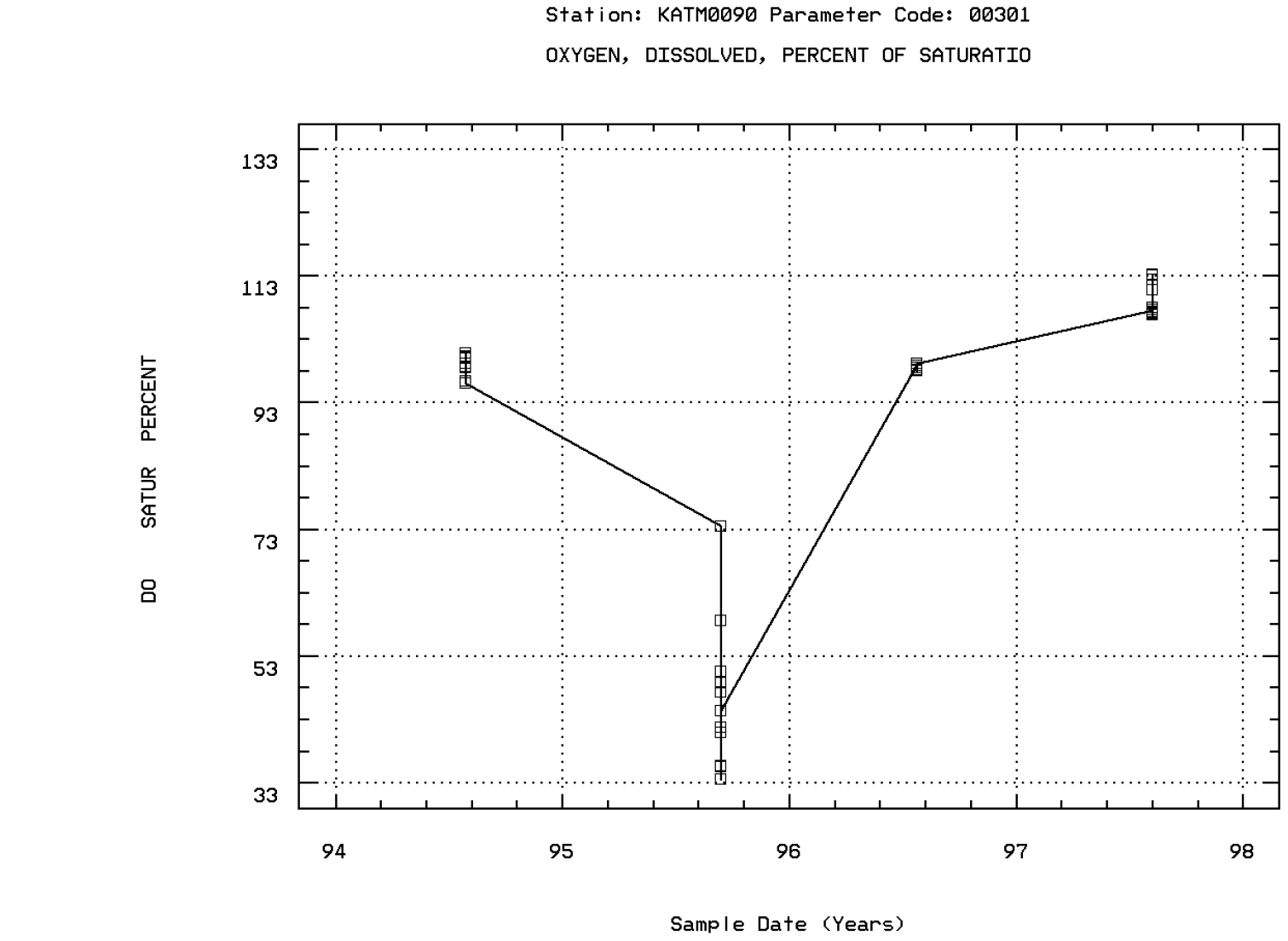
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



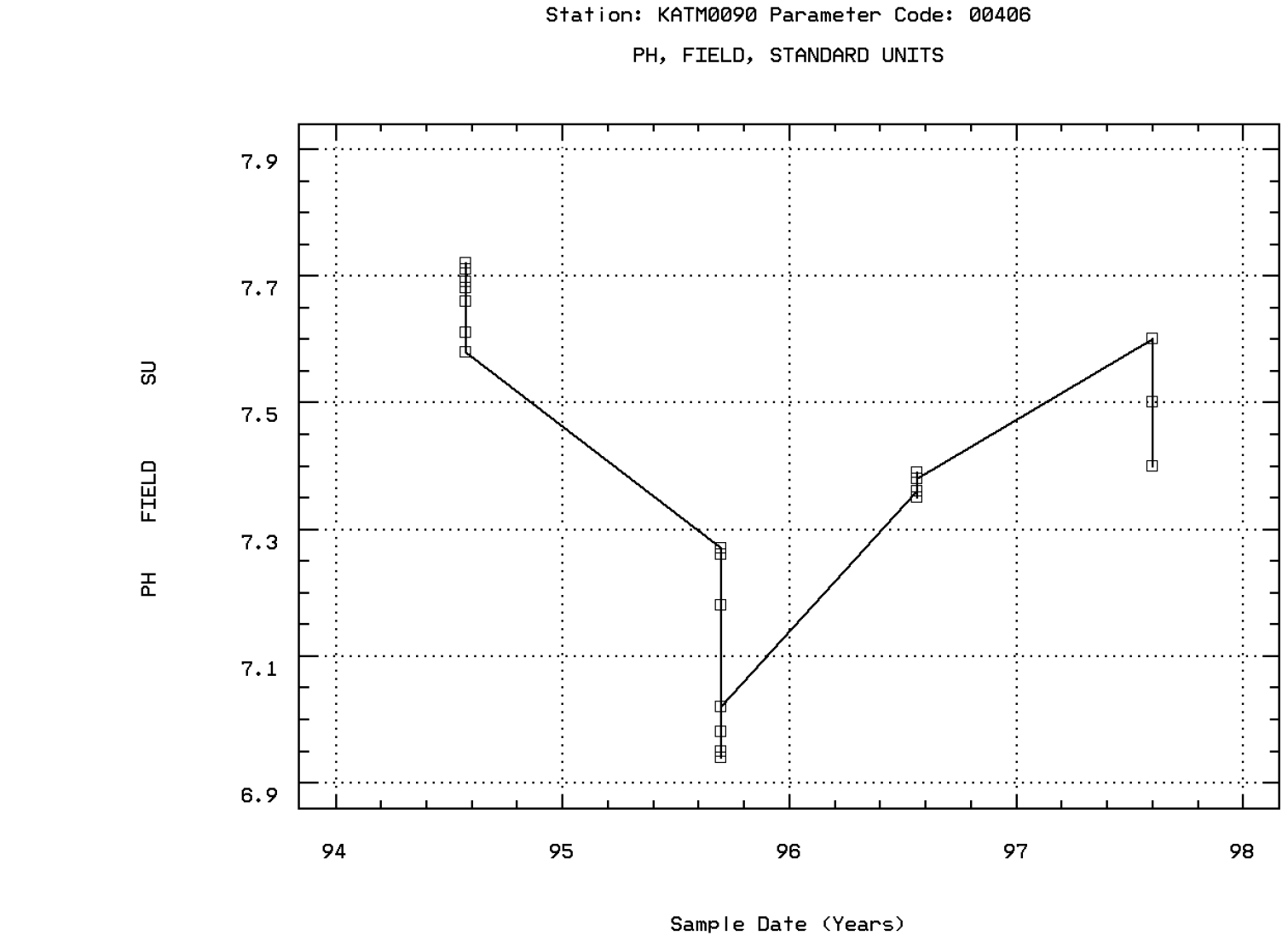
HAMMERSLY LAKE



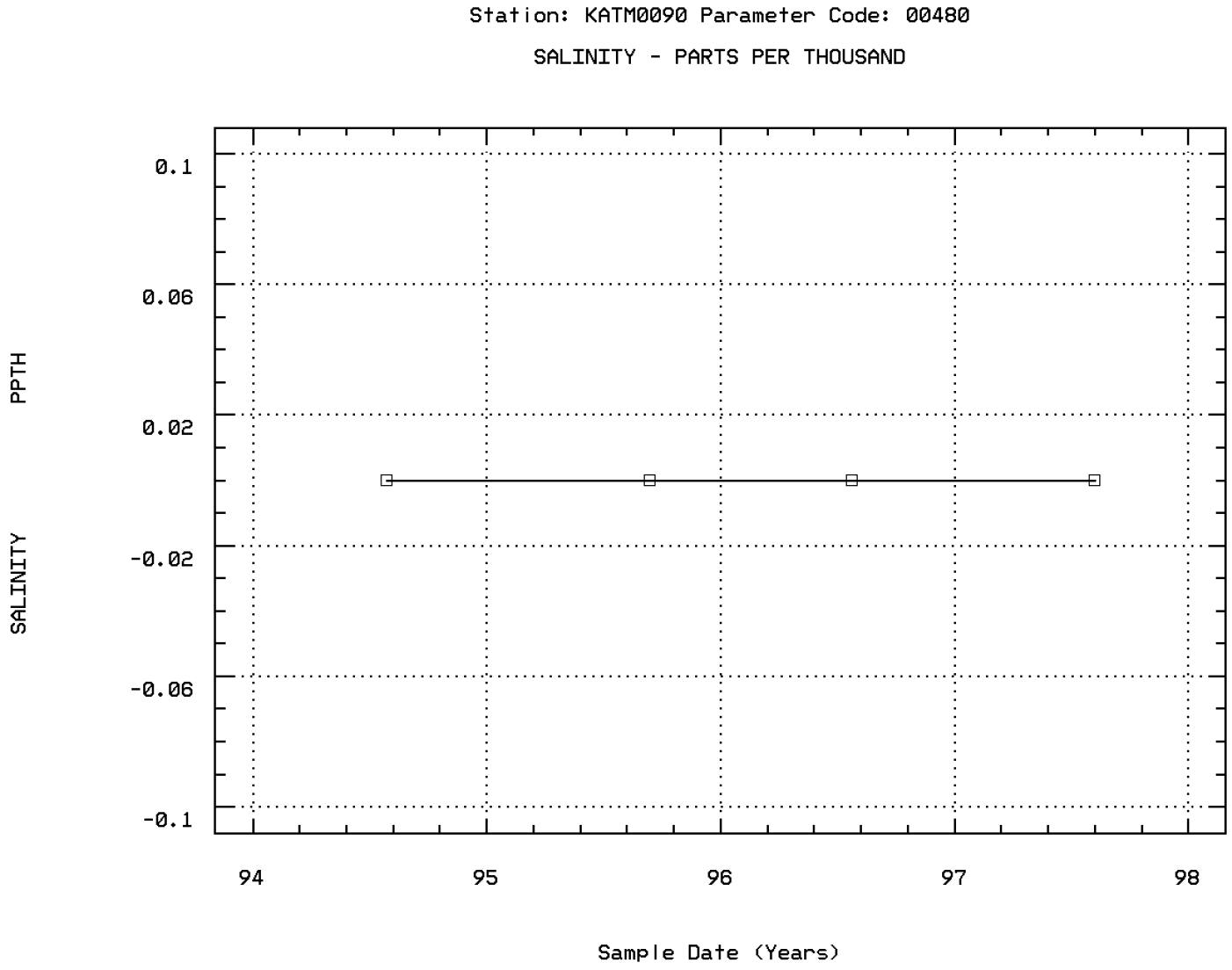
HAMMERSLY LAKE



HAMMERSLY LAKE



HAMMERSLY LAKE



HAMMERSLY LAKE

Station Inventory for Station: KATM0091

NPS Station ID: KATM0091
LAT/LON: 58.293838/-155.116838
Agency: 11NPSWRD
Date Created: 03/13/99
Location: HEAD OF UPPER KNIFE CREEK
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_KEITH_24
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE HEAD OF UPPER KNIFE CREEK ON THE WEST SLOPE OF KATMAI VOLCANO AT THE SOUTHEAST END OF THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 26 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/89-08/26/89	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/89-08/26/89	1	205.	205.	205.	205.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/26/89-08/26/89	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/26/89-08/26/89	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/89-08/26/89	1	79.433	79.433	79.433	79.433	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/26/89-08/26/89	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/26/89-08/26/89	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/89-08/26/89	1	5.012	5.012	5.012	5.012	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/89-08/26/89	1	23.6	23.6	23.6	23.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/89-08/26/89	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/89-08/26/89	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/89-08/26/89	1	0.99	0.99	0.99	0.99	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/26/89-08/26/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/26/89-08/26/89	1	87.	87.	87.	87.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/89-08/26/89	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/89-08/26/89	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/89-08/26/89	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/89-08/26/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/89-08/26/89	1	38400.	38400.	38400.	38400.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/89-08/26/89	1	430.	430.	430.	430.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/26/89-08/26/89	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/26/89-08/26/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/26/89-08/26/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
50982	OXYGEN-18/OXYGEN-16 IN SULFATE(DELTA)O-18(S04)0/00	08/26/89-08/26/89	1	-4.7	-4.7	-4.7	-4.7	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/26/89-08/26/89	1	-114.	-114.	-114.	-114.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/26/89-08/26/89	1	-15.	-15.	-15.	-15.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0091

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0092

NPS Station ID: KATM0092
LAT/LON: 58.986087/-155.117366
Agency: 11NPSWRD
Date Created: 03/13/99
Location: KULIK RIVER NEAR KULIK LODGE
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_USFW_KRL1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE KULIK RIVER NEAR KULIK LODGE UPSTREAM OF HYDROCARBON AND FUELING AREAS. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 17 SEPTEMBER 1996. RESULTS WERE SUMMARIZED IN A REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; 1997 INTERIM REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE; ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/17/96-09/17/96	3	22.53	22.833	23.97	22.	1.039	1.019	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3	0.636	0.643	0.657	0.636	0.	0.012	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.32	0.323	0.33	0.32	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 time series plot

Parameter Inventory for Station: KATM0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3	1.01	0.857	1.23	0.33	0.22	0.469	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.32	0.323	0.33	0.32	0.	0.006	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.33	0.36	0.43	0.32	0.004	0.061	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.325	0.325	0.325	0.	0.	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.33	1.583	4.1	0.32	4.75	2.18	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	4.78	6.927	11.79	4.21	17.82	4.221	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	5.55	6.943	14.36	0.92	46.614	6.827	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	6.84	8.027	15.	2.24	41.761	6.462	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	42.88	42.663	50.77	34.34	67.521	8.217	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	8.52	9.65	13.72	6.71	13.243	3.639	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	78.65	87.7	113.33	71.12	506.848	22.513	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	25.12	28.427	36.67	23.49	51.629	7.185	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	60.11	64.47	81.15	52.15	224.507	14.984	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	17.55	20.773	27.76	17.01	36.683	6.057	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	388.85	319.293	398.	171.03	16507.443	128.481	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	2811.26	2380.16	2879.75	1449.47	650810.627	806.728	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	194.74	174.35	217.81	110.5	3190.673	56.486	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	197.29	176.037	230.39	100.43	4561.179	67.536	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	360.4	403.58	769.83	80.51	120188.9	346.683	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	305.39	253.153	310.27	143.8	8974.567	94.734	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	1550.26	1364.91	1771.15	773.32	274682.144	524.101	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	60.37	57.9	75.38	37.95	354.827	18.837	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	235.57	217.367	285.64	130.89	6235.412	78.965	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	51.67	44.747	60.11	22.46	390.33	19.757	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.33	0.967	2.25	0.32	1.235	1.111	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.323	0.33	0.32	0.	0.006	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.453	0.72	0.32	0.053	0.231	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.323	0.33	0.32	0.	0.006	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	3 ##	0.32	0.323	0.33	0.32	0.	0.006	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	3 ##	0.32	0.323	0.33	0.32	0.	0.006	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	990.79	884.067	1076.54	584.87	68977.25	262.635	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.33	0.47	0.76	0.32	0.063	0.251	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	14.07	11.063	16.15	2.97	50.208	7.086	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	35.51	37.89	48.08	30.08	85.248	9.233	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	0.84	0.783	1.18	0.33	0.183	0.428	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.323	0.33	0.32	0.	0.006	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.33	0.47	0.76	0.32	0.063	0.251	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.323	0.33	0.32	0.	0.006	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.323	0.33	0.32	0.	0.006	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/17/96-09/17/96	3 ##	0.32	0.323	0.33	0.32	0.	0.006	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.79	0.663	0.95	0.25	0.135	0.367	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.25	0.516	1.05	0.248	0.214	0.463	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.25	0.389	0.67	0.248	0.059	0.243	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.25	0.363	0.59	0.248	0.039	0.197	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	14.73	16.573	21.65	13.34	19.812	4.451	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.348	0.55	0.246	0.031	0.175	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.25	0.362	0.59	0.246	0.039	0.197	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.65	0.607	0.92	0.25	0.114	0.337	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.25	0.746	1.74	0.248	0.741	0.861	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/17/96-09/17/96	3 ##	0.318	0.321	0.328	0.318	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 time series plot

Parameter Inventory for Station: KATM0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.25	1.232	3.2	0.246	2.905	1.704	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	585.3	496.3	624.4	279.2	35731.51	189.028	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	40.3	34.467	45.7	17.4	225.743	15.025	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	10.7	8.533	12.6	2.3	30.043	5.481	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1209.2	1051.633	1346.6	599.1	158309.503	397.881	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	19.1	21.967	28.6	18.2	33.203	5.762	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	151.9	134.367	165.6	85.6	1830.563	42.785	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	753.3	682.033	839.7	453.1	41174.093	202.914	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	6.6	7.467	10.7	5.1	8.403	2.899	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	302.6	246.133	303.3	132.5	9684.523	98.41	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	2137.4	1835.5	2246.2	1122.9	383808.43	619.523	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	179.1	167.767	222.8	101.4	3780.823	61.488	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	45.9	44.7	58.8	29.4	217.17	14.737	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	27.	29.267	37.5	23.3	54.263	7.366	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	150.	135.833	179.7	77.8	2746.423	52.406	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.318	0.321	0.328	0.318	0.	0.006	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.25	0.339	0.52	0.246	0.025	0.157	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.328	0.438	0.667	0.318	0.039	0.198	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.318	0.321	0.328	0.318	0.	0.006	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.318	0.321	0.328	0.318	0.	0.006	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.318	0.321	0.328	0.318	0.	0.006	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	20.65	17.678	21.026	11.359	29.982	5.476	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	15.7	13.633	16.4	8.8	17.643	4.2	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	6.708	6.304	8.59	3.614	6.311	2.512	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	5.1	4.867	6.7	2.8	3.843	1.96	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	195.055	206.508	276.411	148.058	4217.002	64.938	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	148.3	159.533	215.6	114.7	2639.843	51.379	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	485.2	511.933	693.2	357.4	28726.413	169.489	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	638.169	662.742	888.718	461.34	46115.875	214.746	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.318	0.322	0.329	0.318	0.	0.006	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.323	0.33	0.32	0.	0.006	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	45.7	49.8	63.3	40.4	143.71	11.988	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	59.8	67.767	88.4	55.1	324.823	18.023	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	32.6	32.933	39.6	26.6	42.333	6.506	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	3.7	5.367	9.2	3.2	11.083	3.329	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	4.3	5.4	11.2	0.7	28.47	5.336	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	235.9	195.167	238.2	111.4	5263.963	72.553	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	5.3	6.233	11.7	1.7	25.653	5.065	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: KATM0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/17/96-09/17/96	3 ##	0.3	0.317	0.35	0.3	0.001	0.029	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0092

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
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									

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

Station Inventory for Station: KATM0093

NPS Station ID: KATM0093 | LAT/LON: 58.981309/-155.117809 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KULIK RIVER NEAR KULIK LODGE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_USFW_KRL2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE KULIK RIVER NEAR KULIK LODGE DOWNSTREAM OF HYDROCARBON AND FUELING AREAS. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 17 SEPTEMBER 1996. RESULTS WERE SUMMARIZED IN A REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; 1997 INTERIM REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE; ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/17/96-09/17/96	3	22.13	22.713	25.54	20.47	6.681	2.585	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3	0.638	0.54	0.672	0.31	0.04	0.2	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	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 time series plot

Parameter Inventory for Station: KATM0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.32	0.46	0.75	0.31	0.063	0.251	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.32	0.433	0.67	0.31	0.042	0.205	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.325	0.325	0.325	0.	0.	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	3.49	4.247	5.78	3.47	1.763	1.328	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	28.17	28.163	31.02	25.3	8.18	2.86	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	2.44	2.72	4.97	0.75	4.511	2.124	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	5.39	5.9	9.8	2.51	13.481	3.672	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	1.54	2.813	5.77	1.13	6.598	2.569	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	1.67	2.32	4.16	1.13	2.612	1.616	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.335	0.692	1.43	0.31	0.409	0.64	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	11.68	10.857	12.84	8.05	6.244	2.499	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	35.83	35.267	36.4	33.57	2.24	1.497	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	5.91	5.87	6.42	5.28	0.326	0.571	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	12.71	12.227	13.16	10.81	1.556	1.247	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	49.56	47.52	50.34	42.66	17.867	4.227	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	15.71	15.887	18.75	13.2	7.724	2.779	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	40.29	39.58	41.99	36.46	8.023	2.833	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	5.78	6.033	7.92	4.4	3.146	1.774	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	9.89	10.073	11.15	9.18	0.995	0.998	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	2.01	2.157	2.83	1.63	0.376	0.613	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	22.7	22.873	25.3	20.62	5.498	2.345	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	0.74	0.703	1.06	0.31	0.142	0.376	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.335	0.472	0.77	0.31	0.067	0.259	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	1.34	1.363	2.44	0.31	1.135	1.065	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.352	0.56	0.246	0.033	0.181	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.392	0.68	0.246	0.062	0.25	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.332	0.5	0.246	0.021	0.146	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.58	0.539	0.79	0.246	0.075	0.274	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.25	0.535	1.11	0.246	0.248	0.498	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/17/96-09/17/96	3 ##	0.319	0.433	0.672	0.31	0.043	0.206	**	**	**	**

** - Less than 9 observations ## - 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: KATM0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	36.9	37.367	39.2	36.	2.723	1.65	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.5	1.667	2.2	1.3	0.223	0.473	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.25	0.365	0.6	0.246	0.041	0.203	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	30.	30.567	32.7	29.	3.663	1.914	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.2	2.133	4.3	0.9	3.543	1.882	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	4.4	4.533	5.	4.2	0.173	0.416	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	16.9	17.667	19.7	16.4	3.163	1.779	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.9	2.067	3.7	0.6	2.423	1.557	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	8.7	8.367	10.	6.4	3.323	1.823	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	27.1	27.233	27.9	26.7	0.373	0.611	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	7.7	7.767	8.3	7.3	0.253	0.503	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	4.5	4.633	5.9	3.5	1.453	1.206	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.	1.049	1.9	0.246	0.685	0.828	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	9.8	9.433	9.9	8.6	0.523	0.723	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.319	0.321	0.336	0.31	0.	0.013	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.319	0.321	0.336	0.31	0.	0.013	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.319	0.321	0.336	0.31	0.	0.013	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.319	0.321	0.336	0.31	0.	0.013	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.319	0.321	0.336	0.31	0.	0.013	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.248	0.25	0.246	0.	0.002	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	2.697	5.339	11.684	1.635	30.483	5.521	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	2.1	4.033	8.7	1.3	16.493	4.061	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	1.413	2.74	6.178	0.629	9.019	3.003	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.1	2.067	4.6	0.5	4.903	2.214	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	5.907	5.378	6.581	3.646	2.363	1.537	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	4.6	4.133	4.9	2.9	1.163	1.079	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	14.4	14.7	16.8	12.9	3.87	1.967	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	19.339	83.768	215.745	16.22	13065.839	114.306	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.319	0.322	0.336	0.31	0.	0.013	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	3	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.32	0.322	0.335	0.31	0.	0.013	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.3	1.767	3.1	0.9	1.373	1.172	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	4.2	4.5	7.3	2.	7.09	2.663	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	22.4	21.733	23.1	19.7	3.223	1.795	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	2.7	3.3	4.6	2.6	1.27	1.127	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.248	0.25	0.247	0.	0.002	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	11.7	12.267	14.6	10.5	4.443	2.108	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.248	0.25	0.247	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 time series plot

Parameter Inventory for Station: KATM0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/17/96-09/17/96	3 ##	0.3	0.317	0.35	0.3	0.001	0.029	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0093

				Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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									

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

Station Inventory for Station: KATM0094

NPS Station ID: KATM0094
LAT/LON: 58.985309/-155.118949
Agency: 11NPSWRD
Date Created: 03/13/99
Location: KULIK RIVER NEAR KULIK LODGE
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_USFW_KRL3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE KULIK RIVER NEAR KULIK LODGE NEAR THE SUSPECTED SOURCE OF HYDROCARBON CONTAMINATION. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 17 SEPTEMBER 1996. RESULTS WERE SUMMARIZED IN A REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; 1997 INTERIM REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE; ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/17/96-09/17/96	3	21.65	20.723	23.92	16.6	14.04	3.747	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.328	0.429	0.647	0.312	0.036	0.189	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3	0.624	0.625	0.655	0.595	0.001	0.03	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.328	0.417	0.625	0.298	0.033	0.181	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.31	0.31	0.325	0.295	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 time series plot

Parameter Inventory for Station: KATM0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3	5.21	4.483	6.26	1.98	4.976	2.231	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/17/96-09/17/96	3	1.23	1.133	1.43	0.74	0.126	0.355	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3	2.96	8.707	22.08	1.08	135.018	11.62	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	1.18	2.89	0.325	2.193	1.481	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	15.59	40.06	94.51	10.08	2231.192	47.235	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	76.14	113.647	227.79	37.01	10154.315	100.769	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	145.93	198.95	374.21	76.71	24234.903	155.676	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	182.14	233.477	412.99	105.3	25644.874	160.14	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	204.2	210.783	302.05	126.1	7772.106	88.16	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	127.22	107.937	128.94	67.65	1218.001	34.9	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	84.77	80.953	86.62	71.47	68.306	8.265	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	33.65	33.02	38.73	26.68	36.598	6.05	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	49.39	49.117	50.6	47.36	2.68	1.637	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.448	0.71	0.31	0.051	0.227	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	163.51	149.773	165.67	120.14	659.767	25.686	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	1388.52	1399.683	1962.81	847.72	310949.892	557.629	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	111.42	106.65	114.88	93.65	129.743	11.39	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	134.07	120.863	136.31	92.21	617.015	24.84	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	405.62	361.173	436.65	241.25	11026.92	105.009	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	151.88	138.113	161.02	101.44	1029.585	32.087	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	797.58	746.49	989.49	452.4	74074.058	272.165	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	57.05	55.283	58.2	50.6	16.781	4.096	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	182.97	169.577	203.7	122.06	1800.808	42.436	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	43.52	41.013	46.79	32.73	54.133	7.358	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	2.05	2.253	2.67	2.04	0.13	0.361	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.31	0.31	0.325	0.295	0.	0.015	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	1.38	1.167	1.81	0.31	0.597	0.772	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.31	0.31	0.325	0.295	0.	0.015	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	3 ##	0.325	0.532	0.96	0.31	0.138	0.371	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	3	2.68	2.64	2.69	2.55	0.006	0.078	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	659.18	607.927	710.4	454.2	18379.788	135.572	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	0.82	1.74	4.09	0.31	4.207	2.051	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	5.49	5.317	7.1	3.36	3.519	1.876	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	26.16	23.59	27.82	16.79	35.369	5.947	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.473	0.8	0.295	0.08	0.283	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	1.54	1.507	2.27	0.71	0.609	0.781	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.31	0.31	0.325	0.295	0.	0.015	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.31	0.31	0.325	0.295	0.	0.015	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.31	0.31	0.325	0.295	0.	0.015	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/17/96-09/17/96	3	0.6	3.277	8.92	0.31	23.906	4.889	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	3.96	3.577	5.22	1.55	3.477	1.865	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	5.85	5.96	10.9	1.13	23.872	4.886	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	2.47	6.707	16.8	0.85	77.063	8.779	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.68	1.345	3.11	0.245	2.384	1.544	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.361	0.59	0.245	0.039	0.198	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.247	0.249	0.245	0.	0.002	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.05	0.935	1.51	0.245	0.41	0.641	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.247	0.249	0.245	0.	0.002	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.247	0.249	0.245	0.	0.002	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	2.11	2.093	2.13	2.04	0.002	0.047	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.96	0.903	1.19	0.56	0.102	0.319	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.431	0.8	0.245	0.102	0.319	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.247	0.249	0.245	0.	0.002	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.247	0.249	0.245	0.	0.002	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.17	1.18	1.78	0.59	0.354	0.595	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.376	0.63	0.248	0.048	0.22	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.5	1.683	2.57	0.98	0.657	0.811	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.71	1.78	2.03	1.6	0.05	0.223	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.5	2.512	6.79	0.245	13.745	3.707	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.247	0.249	0.245	0.	0.002	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.821	1.97	0.245	0.99	0.995	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/17/96-09/17/96	3	1.1	1.028	1.74	0.245	0.563	0.75	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/17/96-09/17/96	3	1.319	1.306	2.287	0.312	0.975	0.988	**	**	**	**

** - Less than 9 observations ## - 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: KATM0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	13.	30.933	71.9	7.9	1265.203	35.57	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	317.8	283.733	332.2	201.2	5160.653	71.838	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	34.1	32.333	35.6	27.3	19.563	4.423	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	4.3	4.167	5.4	2.8	1.703	1.305	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	624.9	585.	752.8	377.3	36444.07	190.903	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	25.6	26.267	32.3	20.9	32.823	5.729	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	87.3	84.267	87.4	78.1	28.523	5.341	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	501.5	478.967	556.6	378.8	8284.023	91.017	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	98.1	85.733	106.1	53.	819.603	28.629	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	124.4	118.133	129.8	100.2	248.493	15.764	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1087.9	1096.067	1493.3	707.	154616.943	393.214	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	139.2	133.533	159.6	101.8	859.293	29.314	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	43.4	43.733	45.6	42.2	2.973	1.724	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	19.9	18.567	21.8	14.	16.543	4.067	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	102.	95.233	106.8	76.9	257.843	16.058	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.898	2.2	0.245	1.272	1.128	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3	1.19	1.467	2.11	1.1	0.312	0.559	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3	1.564	1.859	2.693	1.319	0.537	0.733	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3	2.88	2.633	2.95	2.07	0.239	0.489	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3	3.765	3.344	3.785	2.482	0.558	0.747	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3	1.251	1.252	1.547	0.96	0.086	0.294	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3	0.98	1.	1.29	0.73	0.079	0.281	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3	0.55	0.528	0.79	0.245	0.075	0.273	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3	0.723	0.661	0.947	0.312	0.104	0.322	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	0.671	0.856	1.238	0.657	0.11	0.331	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.56	0.677	0.97	0.5	0.065	0.256	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	53.628	53.628	60.672	46.586	49.601	7.043	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	40.8	42.633	50.6	36.5	52.223	7.227	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	22.08	23.08	26.259	20.899	7.931	2.816	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	17.3	18.367	21.9	15.9	9.853	3.139	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	163.25	143.239	172.942	93.525	1877.085	43.325	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	124.2	112.567	135.5	78.	928.063	30.464	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	358.7	327.067	390.8	231.7	7078.703	84.135	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	471.478	416.028	498.788	277.818	14512.962	120.47	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	3	1.251	1.603	3.378	0.18	2.65	1.628	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.312	0.312	0.328	0.298	0.	0.015	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.001	0.001	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	3	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/17/96-09/17/96	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.31	0.702	1.5	0.295	0.478	0.691	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	38.7	38.9	39.5	38.5	0.28	0.529	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	65.9	64.2	70.7	56.	56.19	7.496	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	170.3	166.3	229.8	98.8	4302.25	65.592	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	63.5	88.6	173.3	29.	5678.13	75.353	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	121.7	155.5	284.7	60.1	13468.12	116.052	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	119.	108.7	122.5	84.6	438.67	20.944	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	151.9	182.867	314.2	82.5	14140.423	118.914	**	**	**	**

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

Parameter Inventory for Station: KATM0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/17/96-09/17/96	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/17/96-09/17/96	3 ##	0.3	1.067	2.6	0.3	1.763	1.328	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0094

				Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00	2	0	0.00									
		Drinking Water	700.	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: KATM0095

NPS Station ID: KATM0095 | LAT/LON: 58.848142/-155.132642 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: HAMMERSLY LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_AMS_HAM
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 486 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT HAMMERSLY LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. THE VALUE UPLOADED TO STORET REPRESENT THE MEAN OF TWO REPLICATES. DATA WERE SUMMARIZED IN A 1992 REPORT TITLED "A CHEMICAL SURVEY OF REMOTE LAKES OF THE ALAGNAK AND NAKNEK RIVER SYSTEMS; SOUTHWEST ALASKA; U.S.A." BY ANDREW J. GUNTHER (APPLIED MARINE SCIENCES INC.; LIVERMORE CA). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/84-08/20/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-08/20/84	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/20/84-08/20/84	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/20/84-08/20/84	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/20/84-08/20/84	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/20/84-08/20/84	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/20/84-08/20/84	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	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									

& - 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: KATM0095

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
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									

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

Station Inventory for Station: KATM0096

NPS Station ID: KATM0096 | LAT/LON: 57.862930/-155.130040 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_01
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KARLUCK (D-4) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	206162.	206162.	206162.	206162.	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	436204.	436204.	436204.	436204.	0.	0.	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	200184.	200184.	200184.	200184.	0.	0.	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	9999.43	9999.43	9999.43	9999.43	0.	0.	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	108156.	108156.	108156.	108156.	0.	0.	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	60513.1	60513.1	60513.1	60513.1	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	36753.4	36753.4	36753.4	36753.4	0.	0.	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	80031.7	80031.7	80031.7	80031.7	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	95847.	95847.	95847.	95847.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	26497.8	26497.8	26497.8	26497.8	0.	0.	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	13206.7	13206.7	13206.7	13206.7	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	34385.3	34385.3	34385.3	34385.3	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	41233.7	41233.7	41233.7	41233.7	0.	0.	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	9577.11	9577.11	9577.11	9577.11	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	42089.4	42089.4	42089.4	42089.4	0.	0.	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	90476.8	90476.8	90476.8	90476.8	0.	0.	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	5611.32	5611.32	5611.32	5611.32	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/29/89-09/29/89	1	77021.5	77021.5	77021.5	77021.5	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	1013230.	1013230.	1013230.	1013230.	0.	0.	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	313021.	313021.	313021.	313021.	0.	0.	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	246628.	246628.	246628.	246628.	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	799786.	799786.	799786.	799786.	0.	0.	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	1321750.	1321750.	1321750.	1321750.	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	433174.	433174.	433174.	433174.	0.	0.	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	361624.	361624.	361624.	361624.	0.	0.	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	1099690.	1099690.	1099690.	1099690.	0.	0.	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	640777.	640777.	640777.	640777.	0.	0.	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	499090.	499090.	499090.	499090.	0.	0.	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	1140390.	1140390.	1140390.	1140390.	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	1286390.	1286390.	1286390.	1286390.	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	303510.	303510.	303510.	303510.	0.	0.	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	1187220.	1187220.	1187220.	1187220.	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	1202750.	1202750.	1202750.	1202750.	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	710022.	710022.	710022.	710022.	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	587.84	587.84	587.84	587.84	0.	0.	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	25873.	25873.	25873.	25873.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	80119.4	80119.4	80119.4	80119.4	0.	0.	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	331085.	331085.	331085.	331085.	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	474741.	474741.	474741.	474741.	0.	0.	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	09/29/89-09/29/89	1	373014.	373014.	373014.	373014.	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/29/89-09/29/89	1	2.172	2.172	2.172	2.172	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	1	6.026	6.026	6.026	6.026	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	1	2.128	2.128	2.128	2.128	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	1	6.059	6.059	6.059	6.059	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/29/89-09/29/89	1	34.149	34.149	34.149	34.149	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	1	7.664	7.664	7.664	7.664	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/29/89-09/29/89	1	9.552	9.552	9.552	9.552	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/29/89-09/29/89	1	104.367	104.367	104.367	104.367	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	1	## 0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/29/89-09/29/89	1	8.883	8.883	8.883	8.883	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	1168780.	1168780.	1168780.	1168780.	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	1374460.	1374460.	1374460.	1374460.	0.	0.	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	439701.	439701.	439701.	439701.	0.	0.	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	21940.	21940.	21940.	21940.	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	132211.	132211.	132211.	132211.	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	972580.	972580.	972580.	972580.	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/29/89-09/29/89	1	331497.	331497.	331497.	331497.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0097

NPS Station ID: KATM0097 | LAT/LON: 58.850254/-155.136420 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: HAMMERSLY LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UCB_HAM
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT HAMMERSLY LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. DATA WERE COLLECTED AT THIS SITE ON 20 AUGUST 1984. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/20/84-08/20/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/20/84-08/20/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/84-08/20/84	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/84-08/20/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	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: KATM0098

NPS Station ID: KATM0098 LAT/LON: 58.192837/-155.137170 Agency: 11NPSWRD Date Created: 03/13/99
Location: HOT SPRING AT NORTH SIDE OF MAGEIK CREEK FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): KATM_KEITH_T3-1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19020702 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS ECO Region:
RF1 Index: 19020702 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (A-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT A HOT SPRING AT THE NORTH SIDE OF MAGEIK CREEK SOUTH OF KATMAI PASS AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 3 AUGUST 1982 AS PART OFA GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-08/03/82	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/82-08/03/82	1	2080.	2080.	2080.	2080.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/03/82-08/03/82	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/03/82-08/03/82	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/82-08/03/82	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/03/82-08/03/82	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/03/82-08/03/82	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/82-08/03/82	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/82-08/03/82	1	136.	136.	136.	136.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/82-08/03/82	1	59.3	59.3	59.3	59.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/82-08/03/82	1	231.	231.	231.	231.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/82-08/03/82	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/82-08/03/82	1	262.	262.	262.	262.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/82-08/03/82	1	410.	410.	410.	410.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/03/82-08/03/82	1	2.89	2.89	2.89	2.89	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/82-08/03/82	1	105.	105.	105.	105.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/03/82-08/03/82	1	660.	660.	660.	660.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/03/82-08/03/82	1	2800.	2800.	2800.	2800.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/03/82-08/03/82	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/82-08/03/82	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/03/82-08/03/82	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	08/03/82-08/03/82	1	520.	520.	520.	520.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/03/82-08/03/82	1	580.	580.	580.	580.	0.	0.	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/03/82-08/03/82	1	49.	49.	49.	49.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/03/82-08/03/82	1	337.	337.	337.	337.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/03/82-08/03/82	1	-97.	-97.	-97.	-97.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/03/82-08/03/82	1	-13.1	-13.1	-13.1	-13.1	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: KATM0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	1	1.00	1	1	1.00									
		Drinking Water	50.	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: KATM0099

NPS Station ID: KATM0099 | LAT/LON: 58.193337/-155.138476 | Agency: 11NPSWRD | Date Created: 05/22/99
Location: THERMAL SPRING | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): KATM_SNL_TS
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19020702 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19020702 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (A-4) 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS LOCATED AT A THERMAL SPRING IN THE VALLEY OF TEN THOUSAND SMOKES REGION. DATA FOR THIS STATION WERE COLLECTED AS PART OF A PROPOSED DRILLING PROJECT IN KATM AND ARE SUMMARIZED IN TABLE C-4 OFA MAY 1992 SANDIA REPORT (SAND92-0850) TITLED "REVISED OPERATIONS PLAN FOR THE KATMAI SCIENTIFIC DRILLING PROJECT" BY A.R. SATTLER AND D.A. BLANKENSHIP. THE STATION LOCATION IS APPROXIMATE DUE TO A LACK OF STATION LOCATION INFORMATION IN THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/91-08/15/91	1	91.3	91.3	91.3	91.3	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/91-08/15/91	1	19.1	19.1	19.1	19.1	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/15/91-08/15/91	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	08/15/91-08/15/91	1	42.9	42.9	42.9	42.9	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/15/91-08/15/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/15/91-08/15/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/15/91-08/15/91	1	700.	700.	700.	700.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/15/91-08/15/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/15/91-08/15/91	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/15/91-08/15/91	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/15/91-08/15/91	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/15/91-08/15/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	08/15/91-08/15/91	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01117	CESIUM, TOTAL (UG/L AS CS)	08/15/91-08/15/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	08/15/91-08/15/91	1	270.	270.	270.	270.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01137	RUBIDIUM, TOTAL (UG/L AS RB)	08/15/91-08/15/91	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/15/91-08/15/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	08/15/91-08/15/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0099

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
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									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	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.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0100

NPS Station ID: KATM0100 LAT/LON: 58.193837/-155.139337 Agency: 11NPSWRD Date Created: 03/13/99
Location: HOT SPRING AT NORTH SIDE OF MAGEIK CREEK FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): KATM_KEITH_T3-2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19020702 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS ECO Region:
RF1 Index: 19020702 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (A-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT A HOT SPRING AT THE NORTH SIDE OF MAGEIK CREEK SOUTH OF KATMAI PASS AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 3 AUGUST 1982 AS PART OFA GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-08/03/82	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/82-08/03/82	1	2280.	2280.	2280.	2280.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/03/82-08/03/82	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/03/82-08/03/82	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/82-08/03/82	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/03/82-08/03/82	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/03/82-08/03/82	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/82-08/03/82	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/82-08/03/82	1	116.	116.	116.	116.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/82-08/03/82	1	65.1	65.1	65.1	65.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/82-08/03/82	1	252.	252.	252.	252.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/82-08/03/82	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/82-08/03/82	1	279.	279.	279.	279.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/82-08/03/82	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/03/82-08/03/82	1	2.77	2.77	2.77	2.77	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/82-08/03/82	1	111.	111.	111.	111.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/03/82-08/03/82	1	610.	610.	610.	610.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/03/82-08/03/82	1	4200.	4200.	4200.	4200.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/03/82-08/03/82	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/82-08/03/82	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/03/82-08/03/82	1	570.	570.	570.	570.	0.	0.	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	08/03/82-08/03/82	1	900.	900.	900.	900.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/03/82-08/03/82	1	640.	640.	640.	640.	0.	0.	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/03/82-08/03/82	1	46.	46.	46.	46.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/03/82-08/03/82	1	377.	377.	377.	377.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/03/82-08/03/82	1	-96.	-96.	-96.	-96.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/03/82-08/03/82	1	-13.	-13.	-13.	-13.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0100

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	1	1.00	1	1	1.00									
		Drinking Water	50.	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: KATM0101

NPS Station ID: KATM0101 | LAT/LON: 58.846087/-155.139616 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: HAMMERSLY LAKE 1992 SAMPLING STATION | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UAF_HL92
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT HAMMERSLY LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 7 AUGUST 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/92-08/07/92	11	11.5	10.209	11.6	7.3	3.117	1.765	7.4	8.2	11.6	11.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/07/92-08/07/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/07/92-08/07/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/92-08/07/92	11	34.	33.545	36.	29.	4.873	2.207	29.4	32.	35.	36.
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/07/92-08/07/92	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/07/92-08/07/92	11	10.2	10.382	11.	10.	0.172	0.414	10.	10.	10.9	10.98
00406	PH, FIELD, STANDARD UNITS SU	08/07/92-08/07/92	11	6.7	6.682	6.7	6.6	0.002	0.04	6.6	6.7	6.7	6.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/07/92-08/07/92	11	6.7	6.68	6.7	6.6	0.002	0.04	6.6	6.7	6.7	6.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/92-08/07/92	11	0.2	0.209	0.251	0.2	0.	0.021	0.2	0.2	0.2	0.251
00440	BICARBONATE ION (MG/L AS HCO3)	08/07/92-08/07/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/07/92-08/07/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/07/92-08/07/92	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/07/92-08/07/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/07/92-08/07/92	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/92-08/07/92	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/07/92-08/07/92	3	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/07/92-08/07/92	3	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/07/92-08/07/92	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/07/92-08/07/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/92-08/07/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/07/92-08/07/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/07/92-08/07/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/07/92-08/07/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/07/92-08/07/92	3 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/07/92-08/07/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/07/92-08/07/92	3 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/07/92-08/07/92	3 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/07/92-08/07/92	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/07/92-08/07/92	3 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/07/92-08/07/92	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/07/92-08/07/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/07/92-08/07/92	3	2.3	2.267	2.3	2.2	0.003	0.058	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/07/92-08/07/92	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/07/92-08/07/92	3 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/07/92-08/07/92	3	12.	11.667	12.	11.	0.333	0.577	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/07/92-08/07/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/07/92-08/07/92	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/07/92-08/07/92	3 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/07/92-08/07/92	3 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/07/92-08/07/92	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/07/92-08/07/92	3 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/07/92-08/07/92	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/07/92-08/07/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/07/92-08/07/92	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/07/92-08/07/92	3 ##	15.	23.333	40.	15.	208.333	14.434	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/07/92-08/07/92	3 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/07/92-08/07/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/07/92-08/07/92	3	2100.	2133.333	2200.	2100.	3333.333	57.735	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/07/92-08/07/92	1	0.128	0.128	0.128	0.128	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/07/92-08/07/92	3 ##	20.	26.667	40.	20.	133.333	11.547	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/07/92-08/07/92	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	0	0.00	11	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	11	0	0.00	11	0	0.00									
		Other-Lo Lim.	6.5	11	0	0.00	11	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	0 &	0	0.00												
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0102

NPS Station ID: KATM0102 LAT/LON: 58.194670/-155.140004 Agency: 11NPSWRD Date Created: 03/13/99
Location: HOT SPRING AT NORTH SIDE OF MAGEIK CREEK FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): KATM_KEITH_T3-3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19020702 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS ECO Region:
RF1 Index: 19020702 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (A-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT A HOT SPRING AT THE NORTH SIDE OF MAGEIK CREEK SOUTH OF KATMAI PASS AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 9 AUGUST 1984 AS PART OFA GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/84-08/09/84	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/84-08/09/84	1	2040.	2040.	2040.	2040.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/09/84-08/09/84	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/09/84-08/09/84	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/84-08/09/84	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/09/84-08/09/84	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/09/84-08/09/84	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/84-08/09/84	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/84-08/09/84	1	157.	157.	157.	157.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/84-08/09/84	1	69.7	69.7	69.7	69.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/84-08/09/84	1	218.	218.	218.	218.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/84-08/09/84	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/84-08/09/84	1	251.	251.	251.	251.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/84-08/09/84	1	480.	480.	480.	480.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/84-08/09/84	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/84-08/09/84	1	105.	105.	105.	105.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/09/84-08/09/84	1	1340.	1340.	1340.	1340.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/09/84-08/09/84	1	5500.	5500.	5500.	5500.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/09/84-08/09/84	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/09/84-08/09/84	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/09/84-08/09/84	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	08/09/84-08/09/84	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/09/84-08/09/84	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/09/84-08/09/84	1	29.	29.	29.	29.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/09/84-08/09/84	1	569.	569.	569.	569.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/09/84-08/09/84	1	-96.	-96.	-96.	-96.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/09/84-08/09/84	1	-13.	-13.	-13.	-13.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	1	1.00	1	1	1.00									
		Drinking Water	50.	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: KATM0103

NPS Station ID: KATM0103 LAT/LON: 58.210671/-155.148337 Agency: 11NPSWRD Date Created: 03/13/99
Location: WARM SPRING AT THE SOUTH SIDE OF KATMAI PASS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): KATM_KEITH_T2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19020702 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS ECO Region:
RF1 Index: 19020702 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (A-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT A WARM SPRING AT THE SOUTH SIDE OF KATMAI PASS SOUTH OF MAGEIK CREEK AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). WATER QUALITY SAMPLES WERE COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) IN THE 1980'S AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-08/09/84	2	15.	15.	15.	15.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/84-08/09/84	1	926.	926.	926.	926.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/03/82-08/09/84	2	7.45	7.45	8.1	6.8	0.845	0.919	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/03/82-08/09/84	2	7.08	7.08	8.1	6.8	1.119	1.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/82-08/09/84	2	0.083	0.083	0.158	0.008	0.011	0.106	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/03/82-08/09/84	2	5.85	5.85	6.	5.7	0.045	0.212	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/03/82-08/09/84	2	5.825	5.825	6.	5.7	0.046	0.215	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/82-08/09/84	2	1.498	1.498	1.995	1.	0.495	0.704	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/82-08/09/84	2	38.75	38.75	44.	33.5	55.125	7.425	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/82-08/09/84	2	30.55	30.55	31.1	30.	0.605	0.778	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/82-08/09/84	2	109.95	109.95	121.	98.9	244.205	15.627	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/82-08/09/84	2	8.415	8.415	8.91	7.92	0.49	0.7	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/82-08/09/84	2	129.	129.	145.	113.	512.	22.627	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/82-08/09/84	2	73.5	73.5	93.	54.	760.5	27.577	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/03/82-08/09/84	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/82-08/09/84	2	55.2	55.2	67.5	42.9	302.58	17.395	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/09/84-08/09/84	1	860.	860.	860.	860.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/03/82-08/09/84	2	2525.	2525.	3400.	1650.	1531250.	1237.437	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/03/82-08/09/84	2	10070.	10070.	20100.	40.	201201800.	14184.562	**	**	**	**

** - Less than 9 observations ## - 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: KATM0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/03/82-08/09/84	2	745.	745.	1160.	330.	344450.	586.899	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/03/82-08/09/84	2	345.	345.	400.	290.	6050.	77.782	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	08/03/82-08/09/84	2	45.	45.	50.	40.	50.	7.071	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/03/82-08/09/84	2	34.	34.	38.	30.	32.	5.657	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/03/82-08/09/84	2 ##	4.75	4.75	9.	0.5	36.125	6.01	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/03/82-08/09/84	2	321.	321.	452.	190.	34322.	185.262	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/03/82-08/03/82	1	-13.5	-13.5	-13.5	-13.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	1	1.00	1	1	1.00									
		Drinking Water	50.	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: KATM0104

NPS Station ID: KATM0104 LAT/LON: 58.267171/-155.152837 Agency: 11NPSWRD Date Created: 03/13/99
Location: UNNAMED STREAM AT THE NOVARUPTA BASIN FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_22
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE NOVARUPTA BASIN AT A SMALL STREAM FLOWING INTO THE NOVARUPTA DOME WITH HIGH PRECIPITATION OR SNOWMELT. A SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 31 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/89-08/31/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/89-08/31/89	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/31/89-08/31/89	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/31/89-08/31/89	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/89-08/31/89	1	15.849	15.849	15.849	15.849	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/89-08/31/89	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/89-08/31/89	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/89-08/31/89	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/89-08/31/89	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/31/89-08/31/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/31/89-08/31/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/89-08/31/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/89-08/31/89	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/89-08/31/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/31/89-08/31/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/89-08/31/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/31/89-08/31/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/31/89-08/31/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/31/89-08/31/89	1	-101.	-101.	-101.	-101.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/31/89-08/31/89	1	-13.2	-13.2	-13.2	-13.2	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: KATM0104

				Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0105

NPS Station ID: KATM0105 LAT/LON: 58.867865/-155.155059 Agency: 11NPSWRD Date Created: 03/13/99
Location: HAMMERSLY LAKE 1991 SAMPLING STATIONS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_UAF_HL91
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT HAMMERSLY LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 2 AUGUST 1991 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/91-08/02/91	10	9.9	9.29	10.	6.9	1.377	1.173	6.95	8.6	10.	10.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/02/91-08/02/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/02/91-08/02/91	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/02/91-08/02/91	10	50.5	49.3	57.	39.	36.9	6.075	39.3	43.5	54.25	56.8
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/02/91-08/02/91	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/02/91-08/02/91	10	10.15	10.24	10.7	10.	0.074	0.272	10.	10.	10.475	10.7
00406	PH, FIELD, STANDARD UNITS SU	08/02/91-08/02/91	10	8.35	8.38	8.8	8.1	0.044	0.21	8.11	8.2	8.525	8.78
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/02/91-08/02/91	10	8.347	8.339	8.8	8.1	0.046	0.214	8.11	8.2	8.525	8.78
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/91-08/02/91	10	0.004	0.005	0.008	0.002	0.	0.002	0.002	0.003	0.006	0.008
00440	BICARBONATE ION (MG/L AS HCO3)	08/02/91-08/02/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/02/91-08/02/91	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/02/91-08/02/91	3 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/91-08/02/91	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/02/91-08/02/91	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/91-08/02/91	3	3.6	3.567	3.6	3.5	0.003	0.058	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/02/91-08/02/91	3	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/02/91-08/02/91	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/02/91-08/02/91	3	0.3	0.233	0.3	0.1	0.013	0.115	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/02/91-08/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/02/91-08/02/91	3	10.	10.	10.	10.	0.	0.	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/02/91-08/02/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/02/91-08/02/91	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/02/91-08/02/91	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/02/91-08/02/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/02/91-08/02/91	3	2.8	2.833	2.9	2.8	0.003	0.058	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/02/91-08/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/02/91-08/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/02/91-08/02/91	3	12.	12.	12.	12.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/02/91-08/02/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/02/91-08/02/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/02/91-08/02/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/02/91-08/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/02/91-08/02/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/02/91-08/02/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/02/91-08/02/91	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/02/91-08/02/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/02/91-08/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/02/91-08/02/91	3	2270.	2283.333	2320.	2260.	1033.333	32.146	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/02/91-08/02/91	1	0.188	0.188	0.188	0.188	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/02/91-08/02/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	10	0	0.00	10	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	10	0	0.00	10	0	0.00									
		Other-Lo Lim.	6.5	10	0	0.00	10	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0106

NPS Station ID: KATM0106 | LAT/LON: 58.266059/-155.156642 | Agency: 11NPSWRD | Date Created: 05/22/99
Location: SNOWMELT IN NOVARUPTA DOME | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM/RUNOFF | STORET Station ID(s): KATM_SNL_SM
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-4) 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS LOCATED AT NOVARUPTA DOME IN THE VALLEY OF TEN THOUSAND SMOKES REGION. THE SAMPLE IS SNOWMELT FROM THE DOME. DATA FOR THIS STATION WERE COLLECTED AS PART OF A PROPOSED DRILLING PROJECT IN KATM AND ARE SUMMARIZED IN TABLE C-4 OF A MAY 1992 SANDIA REPORT (SAND92-0850) TITLED "REVISED OPERATIONS PLAN FOR THE KATMAI SCIENTIFIC DRILLING PROJECT" BY A.R. SATTLER AND D.A. BLANKENSHIP. THE STATION LOCATION IS APPROXIMATE DUE TO A LACK OF STATION LOCATION INFORMATION IN THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/91-08/15/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/15/91-08/15/91	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/15/91-08/15/91	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/91-08/15/91	1	15.849	15.849	15.849	15.849	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/91-08/15/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/91-08/15/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/15/91-08/15/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/15/91-08/15/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	08/15/91-08/15/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/15/91-08/15/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/15/91-08/15/91	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	08/15/91-08/15/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/15/91-08/15/91	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/15/91-08/15/91	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/15/91-08/15/91	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/15/91-08/15/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	08/15/91-08/15/91	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01117	CESIUM, TOTAL (UG/L AS CS)	08/15/91-08/15/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	08/15/91-08/15/91	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01137	RUBIDIUM, TOTAL (UG/L AS RB)	08/15/91-08/15/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/15/91-08/15/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	08/15/91-08/15/91	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: KATM0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	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	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0107

NPS Station ID: KATM0107 | LAT/LON: 58.980004/-155.160198 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NONVIANUK LAKE 1990 SAMPLING STATION | | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | | STORET Station ID(s): KATM_UAF_NL90
RMI-Indexes: | | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT NONVIANUK LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 5 AUGUST 1990 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/90-08/05/90	11	12.5	12.327	13.9	10.9	0.864	0.93	10.96	11.5	13.	13.78
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/05/90-08/05/90	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/05/90-08/05/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/90-08/05/90	11	40.	38.	42.	30.	20.6	4.539	30.4	33.	42.	42.
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/05/90-08/05/90	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/90-08/05/90	11	10.	10.009	10.1	9.9	0.005	0.07	9.9	10.	10.1	10.1
00406	PH, FIELD, STANDARD UNITS SU	08/05/90-08/05/90	11	7.2	7.309	7.6	7.1	0.043	0.207	7.1	7.1	7.6	7.6
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/05/90-08/05/90	11	7.2	7.268	7.6	7.1	0.045	0.211	7.1	7.1	7.6	7.6
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/90-08/05/90	11	0.063	0.054	0.079	0.025	0.	0.022	0.025	0.025	0.079	0.079
00440	BICARBONATE ION (MG/L AS HCO3)	08/05/90-08/05/90	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/05/90-08/05/90	3 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/05/90-08/05/90	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/05/90-08/05/90	3	4.6	4.567	4.7	4.4	0.023	0.153	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/05/90-08/05/90	3	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/05/90-08/05/90	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/05/90-08/05/90	3 ##	0.25	0.267	0.3	0.25	0.001	0.029	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/90-08/05/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/90-08/05/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/05/90-08/05/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/05/90-08/05/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/05/90-08/05/90	3	59.	46.667	76.	5.	1374.333	37.072	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/05/90-08/05/90	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/05/90-08/05/90	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/05/90-08/05/90	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/05/90-08/05/90	3 ##	1.5	3.	6.	1.5	6.75	2.598	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/05/90-08/05/90	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/05/90-08/05/90	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/05/90-08/05/90	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/05/90-08/05/90	3	2.5	2.5	2.6	2.4	0.01	0.1	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/05/90-08/05/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/05/90-08/05/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/05/90-08/05/90	3	16.	16.	16.	16.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/05/90-08/05/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/05/90-08/05/90	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/05/90-08/05/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/05/90-08/05/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/05/90-08/05/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/05/90-08/05/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/05/90-08/05/90	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/05/90-08/05/90	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/05/90-08/05/90	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/05/90-08/05/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/05/90-08/05/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/05/90-08/05/90	3	1690.	1753.333	1960.	1610.	33633.333	183.394	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/05/90-08/05/90	1	0.129	0.129	0.129	0.129	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/05/90-08/05/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/05/90-08/05/90	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	0	0.00	11	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	11	0	0.00	11	0	0.00									
		Other-Lo Lim.	6.5	11	0	0.00	11	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0108

NPS Station ID: KATM0108 LAT/LON: 58.266003/-155.163004 Agency: 11NPSWRD Date Created: 03/13/99
Location: POND WEST OF TEPHRA RING AT THE NOVARUPTA BASIN FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_KEITH_21
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE NOVARUPTA BASIN AT A POND WEST OF THE TEPHRA RING SURROUNDING NOVARUPTA DOME AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A SAMPLE WHICH APPEARED TO BE COMPOSED OF MOSTLY SNOWMELT WATER WAS COLLECTED BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 28 JULY 1986 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/86-07/28/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/86-07/28/86	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/28/86-07/28/86	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/28/86-07/28/86	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/86-07/28/86	1	3.981	3.981	3.981	3.981	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/28/86-07/28/86	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/28/86-07/28/86	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/86-07/28/86	1	6.31	6.31	6.31	6.31	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/28/86-07/28/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/28/86-07/28/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/28/86-07/28/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/28/86-07/28/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/28/86-07/28/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/28/86-07/28/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/28/86-07/28/86	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/28/86-07/28/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/28/86-07/28/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/28/86-07/28/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/28/86-07/28/86	1	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0108

Parameter				Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0109

NPS Station ID: KATM0109 LAT/LON: 58.264171/-155.176171 Agency: 11NPSWRD Date Created: 03/13/99
Location: NOVARUPTA BASIN WEST SIDE OF VENT REGION FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM/RUNOFF STORET Station ID(s): KATM_KEITH_20
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE NOVARUPTA BASIN AT THE WEST SIDE OF THE VENT REGION AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A SAMPLE OF RUNOFF RAIN WATER WAS COLLECTED AT THE HEAD OF A GULLY HEADING WEST FROM THE VENT REGION BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 31 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/89-08/31/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/89-08/31/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/31/89-08/31/89	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/31/89-08/31/89	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/89-08/31/89	1	19.953	19.953	19.953	19.953	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/89-08/31/89	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/89-08/31/89	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/89-08/31/89	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/89-08/31/89	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/31/89-08/31/89	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/31/89-08/31/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/89-08/31/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/89-08/31/89	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/89-08/31/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/31/89-08/31/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/89-08/31/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/31/89-08/31/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/31/89-08/31/89	1	9.	9.	9.	9.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/31/89-08/31/89	1	-93.	-93.	-93.	-93.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/31/89-08/31/89	1	-11.8	-11.8	-11.8	-11.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0109

				Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0110

NPS Station ID: KATM0110 | LAT/LON: 58.344337/-155.194337 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: JUHLE FORK STREAM NEAR THE VTTS | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_KEITH_13
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT JUHLE FORK STREAM NEAR THE VALLEY OF TEN THOUSAND SMOKES' (VTTS) NORTHWESTERN BOUNDARY.A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 25 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/89-08/25/89	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/25/89-08/25/89	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/25/89-08/25/89	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/25/89-08/25/89	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/89-08/25/89	1	7.943	7.943	7.943	7.943	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/25/89-08/25/89	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/25/89-08/25/89	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/89-08/25/89	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/25/89-08/25/89	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/89-08/25/89	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/89-08/25/89	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/25/89-08/25/89	1	2.05	2.05	2.05	2.05	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/25/89-08/25/89	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/25/89-08/25/89	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/25/89-08/25/89	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/25/89-08/25/89	1	38.1	38.1	38.1	38.1	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/25/89-08/25/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/25/89-08/25/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/25/89-08/25/89	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/25/89-08/25/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/25/89-08/25/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/25/89-08/25/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/25/89-08/25/89	1	17.	17.	17.	17.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/25/89-08/25/89	1	-117.	-117.	-117.	-117.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/25/89-08/25/89	1	-15.6	-15.6	-15.6	-15.6	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: KATM0110

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0111

NPS Station ID: KATM0111 | LAT/LON: 58.954837/-155.203171 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NONVIANUK LAKE STREAM 1 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_NL1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT NONVIANUK LAKE STREAM 5 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/92-07/23/92	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/23/92-07/23/92	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/92-07/23/92	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/92-07/23/92	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/92-07/23/92	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: KATM0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0112

NPS Station ID: KATM0112 | LAT/LON: 58.686503/-155.207809 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: GROSVENOR LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_BCF_GRO
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 31 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT GROSVENOR LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. DATA FROM MULTIPLE SAMPLES WERE COMPOSITED INTO A SINGLE SAMPLE VALUE. DATA WERE COLLECTED BETWEEN JUNE 1961 AND OCTOBER 1962; MORE EXACT SAMPLE DATES WERE NOT GIVEN. LIMNOLOGICAL DATA COLLECTION WAS SUPERVISED BY WILBUR L. HARTMAN; BUREAU OF COMMERCIAL FISHERIES (AUKE BAY LABORATORY). RESULTS WERE SUMMARIZED IN A REPORT TITLED "BIOLOGICAL STUDIES AND ESTIMATES OF OPTIMUM ESCAPEMENTS OF SOCKEYE SALMON IN THE MAJOR RIVER SYSTEMS IN SOUTHWESTERN ALASKA" (BURGNER ET. AL. 1969). FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0112

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: KATM0113

NPS Station ID: KATM0113
LAT/LON: 58.344337/-155.212671
Agency: 11NPSWRD
Date Created: 03/13/99
Location: STREAM BETWEEN JUHLE AND GRIGGS
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_KEITH_12
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT A STREAM BETWEEN JUHLE AND GRIGGS NEAR THE VALLEY OF TEN THOUSAND SMOKES' (VTTS) NORTHWESTERN BOUNDARY. A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 6 AUGUST 1984 AS PART OFA GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/84-08/06/84	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/84-08/06/84	1	177.	177.	177.	177.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/06/84-08/06/84	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/84-08/06/84	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/84-08/06/84	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/06/84-08/06/84	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/06/84-08/06/84	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/84-08/06/84	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/06/84-08/06/84	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/06/84-08/06/84	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/06/84-08/06/84	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/06/84-08/06/84	1	0.85	0.85	0.85	0.85	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/06/84-08/06/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/06/84-08/06/84	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/06/84-08/06/84	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/06/84-08/06/84	1	19.8	19.8	19.8	19.8	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/06/84-08/06/84	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/06/84-08/06/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/06/84-08/06/84	1	58.	58.	58.	58.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0113

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0114

NPS Station ID: KATM0114
LAT/LON: 58.340503/-155.216504
Agency: 11NPSWRD
Date Created: 03/13/99
Location: JUHLE FORK STREAM ABOVE FALLS
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_KEITH_14
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT JUHLE FORK STREAM ABOVE THE FALLS AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 25 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/89-08/25/89	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/25/89-08/25/89	1	196.	196.	196.	196.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/25/89-08/25/89	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/25/89-08/25/89	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/89-08/25/89	1	39.811	39.811	39.811	39.811	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/25/89-08/25/89	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/25/89-08/25/89	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/89-08/25/89	1	3.162	3.162	3.162	3.162	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/25/89-08/25/89	1	19.7	19.7	19.7	19.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/89-08/25/89	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/89-08/25/89	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/25/89-08/25/89	1	2.52	2.52	2.52	2.52	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/25/89-08/25/89	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/25/89-08/25/89	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/25/89-08/25/89	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/25/89-08/25/89	1	97.	97.	97.	97.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/25/89-08/25/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/25/89-08/25/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/25/89-08/25/89	1	42400.	42400.	42400.	42400.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/25/89-08/25/89	1	590.	590.	590.	590.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/25/89-08/25/89	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/25/89-08/25/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/25/89-08/25/89	1	6.	6.	6.	6.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0114

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0115

NPS Station ID: KATM0115 | LAT/LON: 58.956337/-155.228532 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NONVIANUK LAKE STREAM 2 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_NL2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT NONVIANUK LAKE STREAM 2 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/92-07/23/92	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/23/92-07/23/92	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/92-07/23/92	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/92-07/23/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/92-07/23/92	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: KATM0115

			Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
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									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0116

NPS Station ID: KATM0116
LAT/LON: 58.977476/-155.229032
Agency: 11NPSWRD
Date Created: 03/13/99
Location: NONVIANUK LAKE
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_AMS_NON
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 192
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NONVIANUK LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. THE VALUE UPLOADED TO STORET IS THE MEAN OF THREE SAMPLES; WHERE EACH SAMPLE IS THE MEAN OF TWO REPLICATES. DATA ARE SUMMARIZED IN A 1992 REPORT TITLED "A CHEMICAL SURVEY OF REMOTE LAKES OF THE ALAGNAK AND NAKNEK RIVER SYSTEMS; SOUTHWEST ALASKA; U.S.A." BY ANDREW J. GUNTHER (APPLIED MARINE SCIENCES INC.; LIVERMORE CA). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	07/20/86-07/20/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/20/86-07/20/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/86-07/20/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/86-07/20/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/20/86-07/20/86	1	0.161	0.161	0.161	0.161	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/20/86-07/20/86	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/20/86-07/20/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/20/86-07/20/86	1	1.63	1.63	1.63	1.63	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/20/86-07/20/86	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/20/86-07/20/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/20/86-07/20/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/20/86-07/20/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/20/86-07/20/86	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	07/20/86-07/20/86	1	1.04	1.04	1.04	1.04	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0116

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
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									

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

Station Inventory for Station: KATM0117

NPS Station ID: KATM0117 LAT/LON: 58.240115/-155.237753 Agency: 11NPSWRD Date Created: 05/22/99
Location: EAST LAKE MAGEIK AT WATERLINE TERMINUS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_SNL_EMAG
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (A-4) 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS LOCATED AT EAST LAKE MAGEIK AT THE WATERLINE TERMINUS NEAR THE VALLEY OF TEN THOUSAND SMOKES REGION. DATA FOR THIS STATION WERE COLLECTED AS PART OF A PROPOSED DRILLING PROJECT IN KATM AND ARE SUMMARIZED IN TABLE C-4 OF A MAY 1992 SANDIA REPORT (SAND92-0850) TITLED "REVISED OPERATIONS PLAN FOR THE KATMAI SCIENTIFIC DRILLING PROJECT" BY A.R. SATTLER AND D.A. BLANKENSHIP. THE STATION LOCATION IS APPROXIMATE DUE TO A LACK OF STATION LOCATION INFORMATION IN THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/91-08/15/91	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/15/91-08/15/91	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/15/91-08/15/91	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/91-08/15/91	1	50.119	50.119	50.119	50.119	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/91-08/15/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/91-08/15/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/15/91-08/15/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/15/91-08/15/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/15/91-08/15/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	08/15/91-08/15/91	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/15/91-08/15/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/15/91-08/15/91	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	08/15/91-08/15/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/15/91-08/15/91	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/15/91-08/15/91	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/15/91-08/15/91	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/15/91-08/15/91	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/15/91-08/15/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	08/15/91-08/15/91	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01117	CESIUM, TOTAL (UG/L AS CS)	08/15/91-08/15/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	08/15/91-08/15/91	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01137	RUBIDIUM, TOTAL (UG/L AS RB)	08/15/91-08/15/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/15/91-08/15/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	08/15/91-08/15/91	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: KATM0117

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	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	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0118

NPS Station ID: KATM0118 | LAT/LON: 58.351003/-155.240838 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: COLD SPRING ABOVE JUHLE FORK NEAR THE VTTS | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): KATM_KEITH_S6
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE COLD SPRING ABOVE JUHLE FORK NEAR THE VALLEY OF TEN THOUSAND SMOKES' (VTTS) NORTHWESTERN BOUNDARY. A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 6 JUNE 1990 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/90-06/06/90	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/06/90-06/06/90	1	277.	277.	277.	277.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/06/90-06/06/90	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/90-06/06/90	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/90-06/06/90	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/06/90-06/06/90	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/06/90-06/06/90	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/90-06/06/90	1	5.012	5.012	5.012	5.012	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/06/90-06/06/90	1	36.4	36.4	36.4	36.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/90-06/06/90	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/06/90-06/06/90	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/06/90-06/06/90	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/06/90-06/06/90	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/06/90-06/06/90	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/06/90-06/06/90	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/06/90-06/06/90	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/06/90-06/06/90	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/06/90-06/06/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	06/06/90-06/06/90	1	47.	47.	47.	47.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/06/90-06/06/90	1	-111.	-111.	-111.	-111.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/06/90-06/06/90	1	-14.8	-14.8	-14.8	-14.8	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: KATM0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0119

NPS Station ID: KATM0119 LAT/LON: 58.293003/-155.243670 Agency: 11NPSWRD Date Created: 03/13/99
Location: UPPER RIVER LETHE UPSTREAM OF FORD AT THE VTTS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_16
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE UPPER RIVER LETHE APPROXIMATELY 1 MILE UPSTREAM OF STATION 15 AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 5 AUGUST 1986 AS PART OFA GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/89-08/24/89	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/89-08/24/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/24/89-08/24/89	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/24/89-08/24/89	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/89-08/24/89	1	15.849	15.849	15.849	15.849	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/24/89-08/24/89	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/89-08/24/89	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/89-08/24/89	1	2.512	2.512	2.512	2.512	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/89-08/24/89	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/89-08/24/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/89-08/24/89	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/89-08/24/89	1	0.97	0.97	0.97	0.97	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/24/89-08/24/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/24/89-08/24/89	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/89-08/24/89	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/89-08/24/89	1	42.9	42.9	42.9	42.9	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/24/89-08/24/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/24/89-08/24/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/24/89-08/24/89	1	9700.	9700.	9700.	9700.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/89-08/24/89	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/24/89-08/24/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/24/89-08/24/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/24/89-08/24/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0119

				Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0120

NPS Station ID: KATM0120 | LAT/LON: 59.170281/-155.244865 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KUKAKLEK LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_AMS_KUK
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 246 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMA (A-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT KUKAKLEK LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. THE VALUE UPLOADED TO STORET IS THE MEAN OF THREE SAMPLES; WHERE EACH SAMPLE IS THE MEAN OF TWO REPLICATES. DATA ARE SUMMARIZED IN A 1992 REPORT TITLED "A CHEMICAL SURVEY OF REMOTE LAKES OF THE ALAGNAK AND NAKNEK RIVER SYSTEMS; SOUTHWEST ALASKA; U.S.A." BY ANDREW J. GUNTHER (APPLIED MARINE SCIENCES INC.; LIVERMORE CA). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	09/04/86-09/04/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/04/86-09/04/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/86-09/04/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/04/86-09/04/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/04/86-09/04/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/04/86-09/04/86	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0120

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	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: KATM0121

NPS Station ID: KATM0121 | LAT/LON: 58.307170/-155.247337 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: UPPER RIVER LETHE AT FORD AT THE VTTS | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_KEITH_15
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE UPPER RIVER LETHE AT FORD AT THE MIDDLE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 5 AUGUST 1986 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/86-08/05/86	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/86-08/05/86	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/05/86-08/05/86	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/05/86-08/05/86	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/86-08/05/86	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/05/86-08/05/86	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/05/86-08/05/86	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/86-08/05/86	1	5.012	5.012	5.012	5.012	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/86-08/05/86	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/86-08/05/86	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/86-08/05/86	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/86-08/05/86	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/86-08/05/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/86-08/05/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/86-08/05/86	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/86-08/05/86	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/05/86-08/05/86	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/05/86-08/05/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/05/86-08/05/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0121

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0122

NPS Station ID: KATM0122 LAT/LON: 58.320087/-155.257560 Agency: 11NPSWRD Date Created: 05/22/99
Location: RIVER LETHE 1 MILE DOWNSTREAM FROM FORD FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_SNL_LET
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-4) 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS LOCATED AT THE RIVER LETHE; 1 MILE DOWNSTREAM FROM A FORD IN THE VALLEY OF TEN THOUSAND SMOKES REGION. DATA FOR THIS STATION WERE COLLECTED AS PART OF A PROPOSED DRILLING PROJECT IN KATM AND ARE SUMMARIZED IN TABLE C-4 OF A MAY 1992 SANDIA REPORT (SAND92-0850) TITLED "REVISED OPERATIONS PLAN FOR THE KATMAI SCIENTIFIC DRILLING PROJECT" BY A.R. SATTLER AND D.A. BLANKENSHIP. THE STATION LOCATION IS APPROXIMATE DUE TO A LACK OF STATION LOCATION INFORMATION IN THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	06/15/91-06/15/91	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/15/91-06/15/91	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/15/91-06/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/15/91-06/15/91	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/15/91-06/15/91	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/15/91-06/15/91	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/15/91-06/15/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/15/91-06/15/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	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	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0123

NPS Station ID: KATM0123 LAT/LON: 58.340005/-155.260504 Agency: 11NPSWRD Date Created: 03/13/99
Location: SOUTHERNMOST MID-VALLEY THERMAL SPRING FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): KATM_KEITH_T1-4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE MOST SOUTHERN MID-VALLEY THERMAL SPRING OCCURRING NEAR THE BOTTOM OF AN EROSIONAL GORGE AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). WATER QUALITY SAMPLES WERE COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) IN THE LATE 1980'S AND EARLY 1990'S AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/89-03/15/91	3	21.2	20.933	24.	17.6	10.293	3.208	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/89-03/15/91	3	924.	925.	945.	906.	381.	19.519	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/23/89-03/15/91	3	6.2	6.033	6.3	5.6	0.143	0.379	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/23/89-03/15/91	3	6.2	5.916	6.3	5.6	0.164	0.405	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/89-03/15/91	3	0.631	1.215	2.512	0.501	1.266	1.125	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/23/89-03/15/91	3	5.5	5.5	5.7	5.3	0.04	0.2	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/23/89-03/15/91	3	5.5	5.47	5.7	5.3	0.041	0.203	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/89-03/15/91	3	3.162	3.39	5.012	1.995	2.314	1.521	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/23/89-03/15/91	3	89.8	91.167	97.7	86.	35.623	5.969	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/23/89-03/15/91	3	18.	20.	26.2	15.8	30.04	5.481	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/23/89-03/15/91	3	72.9	74.4	78.4	71.9	12.25	3.5	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/23/89-03/15/91	3	4.03	4.21	5.19	3.41	0.816	0.904	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/23/89-03/15/91	3	70.	69.667	71.	68.	2.333	1.528	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/23/89-03/15/91	3	280.	255.333	300.	186.	3705.333	60.871	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/23/89-03/15/91	3	2.64	2.607	2.76	2.42	0.03	0.172	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/89-03/15/91	3	37.3	37.867	40.6	35.7	6.243	2.499	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/23/89-08/23/89	1	520.	520.	520.	520.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/23/89-03/15/91	2 ##	17.5	17.5	25.	10.	112.5	10.607	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/23/89-03/15/91	3	400.	596.667	990.	400.	116033.333	340.637	**	**	**	**

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

Parameter Inventory for Station: KATM0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	08/23/89-03/15/91	3	40.	61.667	140.	5.	4908.333	70.059	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/89-06/04/90	2 ##	6.	6.	7.	5.	2.	1.414	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/23/89-03/15/91	2	240.	240.	250.	230.	200.	14.142	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	08/23/89-03/15/91	3	50.	43.333	60.	20.	433.333	20.817	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/23/89-03/15/91	3	213.	216.	247.	188.	877.	29.614	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/23/89-03/15/91	3	6.	5.	7.	2.	7.	2.646	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/23/89-03/15/91	3	144.	138.333	144.	127.	96.333	9.815	**	**	**	**
82081	CARBON-13 / CARBON-12 STABLE ISOTOPE RATIO PER MIL	08/23/89-08/23/89	1	-13.	-13.	-13.	-13.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/23/89-03/15/91	3	-111.	-110.667	-110.	-111.	0.333	0.577	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/23/89-03/15/91	3	-14.6	-14.633	-14.6	-14.7	0.003	0.058	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: KATM0123

				Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	3	1.00	1	1	1.00				1	1	1.00	1	1	1.00
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	3	1.00	1	1	1.00				1	1	1.00	1	1	1.00
00941	CHLORIDE, DISSOLVED 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
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	2	0.67	1	1	1.00				1	1	1.00	1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	1	1.00	1	1	1.00									
		Drinking Water	50.	1	1	1.00	1	1	1.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0124

NPS Station ID: KATM0124 LAT/LON: 58.340005/-155.260504 Agency: 11NPSWRD Date Created: 03/13/99
Location: MID-VALLEY THERMAL SPRING NEAR STATION T1-4 FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): KATM_KEITH_T1-5
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE MID-VALLEY THERMAL SPRING 300 METERS FROM STATION T1-4 OCCURRING NEAR THE BOTTOM OF AN EROSIONAL GORGE AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). WATER QUALITY SAMPLES WERE COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) IN THE EARLY 1990'S AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/90-03/15/91	2	28.1	28.1	29.2	27.	2.42	1.556	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/04/90-03/15/91	2	1080.	1080.	1124.	1036.	3872.	62.225	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/04/90-03/15/91	2	5.9	5.9	6.2	5.6	0.18	0.424	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/04/90-03/15/91	2	5.804	5.804	6.2	5.6	0.199	0.446	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/04/90-03/15/91	2	1.571	1.571	2.512	0.631	1.769	1.33	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/04/90-03/15/91	2	5.6	5.6	5.9	5.3	0.18	0.424	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/04/90-03/15/91	2	5.504	5.504	5.9	5.3	0.199	0.446	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/04/90-03/15/91	2	3.135	3.135	5.012	1.259	7.042	2.654	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/04/90-03/15/91	2	96.9	96.9	98.5	95.3	5.12	2.263	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/04/90-03/15/91	2	25.3	25.3	29.3	21.3	32.	5.657	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/04/90-03/15/91	2	98.25	98.25	98.3	98.2	0.005	0.071	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/04/90-03/15/91	2	6.55	6.55	6.57	6.53	0.001	0.028	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/04/90-03/15/91	2	84.5	84.5	90.	79.	60.5	7.778	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/04/90-03/15/91	2	267.5	267.5	310.	225.	3612.5	60.104	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/04/90-03/15/91	2	2.835	2.835	2.91	2.76	0.011	0.106	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/04/90-03/15/91	2	44.5	44.5	52.5	36.5	128.	11.314	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/15/91-03/15/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/04/90-03/15/91	2	950.	950.	1040.	860.	16200.	127.279	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/04/90-03/15/91	2	60.	60.	70.	50.	200.	14.142	**	**	**	**

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

Parameter Inventory for Station: KATM0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/04/90-06/04/90	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/15/91-03/15/91	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	06/04/90-03/15/91	2	35.	35.	50.	20.	450.	21.213	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/04/90-03/15/91	2	338.	338.	355.	321.	578.	24.042	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	06/04/90-03/15/91	2	5.	5.	6.	4.	2.	1.414	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	06/04/90-03/15/91	2	191.	191.	204.	178.	338.	18.385	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/04/90-03/15/91	2	-110.	-110.	-108.	-112.	8.	2.828	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/04/90-03/15/91	2	-14.5	-14.5	-14.4	-14.6	0.02	0.141	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0124

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	2	1.00							1	1	1.00	1	1	1.00
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	2	1.00							1	1	1.00	1	1	1.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	1	0.50							1	1	1.00	1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00							1	0	0.00	1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0125

NPS Station ID: KATM0125 | LAT/LON: 58.250837/-155.260949 | Agency: 11NPSWRD | Date Created: 05/22/99
Location: RIVER LETHE AT THE ASH-FLOW SITE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_SNL_ASH
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-4) 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS LOCATED AT THE RIVER LETHE AT THE ASH-FLOW SITE IN THE VALLEY OF TEN THOUSAND SMOKES REGION. DATA FOR THIS STATION WERE COLLECTED AS PART OF A PROPOSED DRILLING PROJECT IN KATM AND ARE SUMMARIZED IN TABLE C-4 OF A MAY 1992 SANDIA REPORT (SAND92-0850) TITLED "REVISED OPERATIONS PLAN FOR THE KATMAI SCIENTIFIC DRILLING PROJECT" BY A.R. SATTLER AND D.A. BLANKENSHIP. THE STATION LOCATION IS APPROXIMATE DUE TO A LACK OF STATION LOCATION INFORMATION IN THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/91-08/15/91	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/15/91-08/15/91	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/15/91-08/15/91	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/91-08/15/91	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/15/91-08/15/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00420	ALKALINITY, HYDROXIDE (MG/L AS CACO3)	08/15/91-08/15/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/15/91-08/15/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/91-08/15/91	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/91-08/15/91	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/15/91-08/15/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/15/91-08/15/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/15/91-08/15/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	08/15/91-08/15/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/15/91-08/15/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/15/91-08/15/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/15/91-08/15/91	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	08/15/91-08/15/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/15/91-08/15/91	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/15/91-08/15/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/15/91-08/15/91	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/15/91-08/15/91	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/15/91-08/15/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	08/15/91-08/15/91	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01117	CESIUM, TOTAL (UG/L AS CS)	08/15/91-08/15/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	08/15/91-08/15/91	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01137	RUBIDIUM, TOTAL (UG/L AS RB)	08/15/91-08/15/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/15/91-08/15/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	08/15/91-08/15/91	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: KATM0125

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	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	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0126

NPS Station ID: KATM0126 LAT/LON: 58.340670/-155.261171 Agency: 11NPSWRD Date Created: 03/13/99
Location: MIDDLE MID-VALLEY THERMAL SPRING AT THE VTTS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): KATM_KEITH_T1-1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE MIDDLE MID-VALLEY THERMAL SPRING OCCURRING NEAR THE BOTTOM OF AN EROSIONAL GORGE AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). WATER QUALITY SAMPLES WERE COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) IN THE LATE 1980'S AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/87-08/23/89	3	17.8	16.867	17.8	15.	2.613	1.617	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/89-08/23/89	2	925.5	925.5	934.	917.	144.5	12.021	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/24/87-08/23/89	3	6.5	6.367	6.7	5.9	0.173	0.416	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/24/87-08/23/89	3	6.5	6.228	6.7	5.9	0.202	0.45	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/87-08/23/89	3	0.316	0.592	1.259	0.2	0.337	0.581	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/87-08/23/89	3	5.7	5.767	5.9	5.7	0.013	0.115	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/87-08/23/89	3	5.7	5.757	5.9	5.7	0.013	0.116	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/87-08/23/89	3	1.995	1.75	1.995	1.259	0.181	0.425	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/87-08/23/89	3	89.9	90.067	90.8	89.5	0.443	0.666	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/87-08/23/89	3	16.	16.567	17.9	15.8	1.343	1.159	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/87-08/23/89	3	78.1	77.333	80.6	73.3	13.763	3.71	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/87-08/23/89	3	3.63	3.407	3.63	2.96	0.15	0.387	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/87-08/23/89	3	70.	69.667	71.	68.	2.333	1.528	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/87-08/23/89	3	279.	295.	330.	276.	921.	30.348	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/87-08/23/89	3	2.93	2.923	3.	2.84	0.006	0.08	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/87-08/23/89	3	38.3	43.933	55.5	38.	100.363	10.018	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/23/89-08/23/89	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/23/89-08/23/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/24/87-08/23/89	3	670.	610.	700.	460.	17100.	130.767	**	**	**	**

** - 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

Parameter Inventory for Station: KATM0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	08/23/89-08/23/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/89-08/23/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/23/89-08/23/89	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	08/23/89-08/23/89	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/87-08/23/89	3	204.	189.333	204.	160.	645.333	25.403	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/23/89-08/23/89	1	6.	6.	6.	6.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/24/87-08/23/89	3	132.	124.	135.	105.	273.	16.523	**	**	**	**
50982	OXYGEN-18/OXYGEN-16 IN SULFATE(DELTA)O-18(S04)0/00	08/23/89-08/23/89	1	-3.2	-3.2	-3.2	-3.2	0.	0.	**	**	**	**
82081	CARBON-13 / CARBON-12 STABLE ISOTOPE RATIO PER MIL	08/23/89-08/23/89	1	-14.7	-14.7	-14.7	-14.7	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/24/87-08/23/89	3	-111.	-110.667	-109.	-112.	2.333	1.528	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/24/87-08/23/89	3	-14.5	-14.6	-14.5	-14.8	0.03	0.173	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0126

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	2	0.67	3	2	0.67									
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	3	1.00	3	3	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	3	1.00	3	3	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	3	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	1	1.00	1	1	1.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0127

NPS Station ID: KATM0127
LAT/LON: 58.340753/-155.261727
Agency: 11NPSWRD
Date Created: 05/22/99
Location: MIDVALLEY THERMAL SPRING
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): KATM_SNL_MS2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-4) 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS LOCATED AT A MIDVALLEY THERMAL SPRING IN THE VALLEY OF TEN THOUSAND SMOKES REGION. DATA FOR THIS STATION WERE COLLECTED AS PART OF A PROPOSED DRILLING PROJECT IN KATM AND ARE SUMMARIZED IN TABLE C-4 OF A MAY 1992 SANDIA REPORT (SAND92-0850) TITLED "REVISED OPERATIONS PLAN FOR THE KATMAI SCIENTIFIC DRILLING PROJECT" BY A.R. SATTLER AND D.A. BLANKENSHIP. THE STATION LOCATION IS APPROXIMATE DUE TO A LACK OF STATION LOCATION INFORMATION IN THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	06/15/91-06/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/15/91-06/15/91	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/15/91-06/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/15/91-06/15/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/15/91-06/15/91	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/15/91-06/15/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/15/91-06/15/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0127

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	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
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0128

NPS Station ID: KATM0128 LAT/LON: 58.340838/-155.262170 Agency: 11NPSWRD Date Created: 03/13/99
Location: MIDDLE MID-VALLEY THERMAL SPRING AT THE VTTS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): KATM_KEITH_T1-3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE MIDDLE MID-VALLEY THERMAL SPRING OCCURRING NEAR THE BOTTOM OF AN EROSIONAL GORGE AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 23 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/23/89-08/23/89	1	340.	340.	340.	340.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/23/89-08/23/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/23/89-08/23/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/89-08/23/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/23/89-08/23/89	1	330.	330.	330.	330.	0.	0.	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	08/23/89-08/23/89	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/23/89-08/23/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
50982	OXYGEN-18/OXYGEN-16 IN SULFATE(DELTA)O-18(S04)0/00	08/23/89-08/23/89	1	-3.4	-3.4	-3.4	-3.4	0.	0.	**	**	**	**
82081	CARBON-13 / CARBON-12 STABLE ISOTOPE RATIO PER MIL	08/23/89-08/23/89	1	-12.9	-12.9	-12.9	-12.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0128

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	1	1.00	1	1	1.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0129

NPS Station ID: KATM0129 | LAT/LON: 58.340865/-155.262809 | Agency: 11NPSWRD | Date Created: 05/22/99
Location: MIDVALLEY THERMAL SPRING | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): KATM_SNL_MS1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-4) 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS LOCATED AT A MIDVALLEY THERMAL SPRING IN THE VALLEY OF TEN THOUSAND SMOKES REGION. DATA FOR THIS STATION WERE COLLECTED AS PART OF A PROPOSED DRILLING PROJECT IN KATM AND ARE SUMMARIZED IN TABLE C-4 OF A MAY 1992 SANDIA REPORT (SAND92-0850) TITLED "REVISED OPERATIONS PLAN FOR THE KATMAI SCIENTIFIC DRILLING PROJECT" BY A.R. SATTLER AND D.A. BLANKENSHIP. THE STATION LOCATION IS APPROXIMATE DUE TO A LACK OF STATION LOCATION INFORMATION IN THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	06/15/91-06/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/15/91-06/15/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/15/91-06/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/15/91-06/15/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/15/91-06/15/91	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/15/91-06/15/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/15/91-06/15/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0129

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	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
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0130

NPS Station ID: KATM0130 LAT/LON: 58.341003/-155.263171 Agency: 11NPSWRD Date Created: 03/13/99
Location: NORTHERN MID-VALLEY THERMAL SPRING AT THE VTTS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): KATM_KEITH_T1-2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE NORTHERN MID-VALLEY THERMAL SPRING OCCURRING NEAR THE BOTTOM OF AN EROSIONAL GORGE AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 24 JULY 1987 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/87-07/24/87	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/24/87-07/24/87	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/24/87-07/24/87	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/87-07/24/87	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/24/87-07/24/87	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/24/87-07/24/87	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/87-07/24/87	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/87-07/24/87	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/87-07/24/87	1	19.9	19.9	19.9	19.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/87-07/24/87	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/87-07/24/87	1	4.21	4.21	4.21	4.21	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/87-07/24/87	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/87-07/24/87	1	390.	390.	390.	390.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/87-07/24/87	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/87-07/24/87	1	58.6	58.6	58.6	58.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/24/87-07/24/87	1	800.	800.	800.	800.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/24/87-07/24/87	1	200.	200.	200.	200.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/24/87-07/24/87	1	127.	127.	127.	127.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/24/87-07/24/87	1	-108.	-108.	-108.	-108.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/24/87-07/24/87	1	-14.7	-14.7	-14.7	-14.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0131

NPS Station ID: KATM0131 LAT/LON: 58.248003/-155.263504 Agency: 11NPSWRD Date Created: 03/13/99
Location: EAST FORK OF THE UPPER RIVER LETHE AT THE VTTS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_19
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (A-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE EAST FORK OF THE UPPER RIVER LETHE AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 24 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/89-08/24/89	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/89-08/24/89	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/24/89-08/24/89	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/24/89-08/24/89	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/89-08/24/89	1	50.119	50.119	50.119	50.119	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/24/89-08/24/89	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/89-08/24/89	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/89-08/24/89	1	5.012	5.012	5.012	5.012	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/89-08/24/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/89-08/24/89	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/89-08/24/89	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/89-08/24/89	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/24/89-08/24/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/24/89-08/24/89	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/89-08/24/89	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/89-08/24/89	1	36.3	36.3	36.3	36.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/24/89-08/24/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/24/89-08/24/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/24/89-08/24/89	1	16900.	16900.	16900.	16900.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/89-08/24/89	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/24/89-08/24/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/24/89-08/24/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/24/89-08/24/89	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: KATM0131

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0132

NPS Station ID: KATM0132 LAT/LON: 58.249170/-155.265170 Agency: 11NPSWRD Date Created: 03/13/99
Location: UPPER RIVER LETHE UPSTREAM OF FORD AT THE VTTS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_17
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (A-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE UPPER RIVER LETHE NEAR THE RIVER LETHE FORK; UPSTREAM OF FORD; AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). WATER QUALITY SAMPLES WERE COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) IN THE 1980'S AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/82-08/04/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/82-08/04/82	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/04/82-08/04/82	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/82-08/04/82	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/82-08/04/82	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/04/82-08/04/82	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/04/82-08/04/82	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/82-08/04/82	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/82-08/04/82	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/82-08/04/82	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/82-08/04/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/82-08/04/82	1	1.27	1.27	1.27	1.27	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/04/82-08/04/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/04/82-08/04/82	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/82-08/04/82	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/82-08/04/82	1	52.4	52.4	52.4	52.4	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/04/82-08/04/82	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/89-08/04/89	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/04/89-08/04/89	1	50.	50.	50.	50.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01115	CESIUM, DISSOLVED (UG/L AS CS)	08/04/89-08/04/89	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/04/82-08/04/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/04/89-08/04/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/04/82-08/04/82	1	26.	26.	26.	26.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0132

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0133

NPS Station ID: KATM0133 LAT/LON: 58.247003/-155.266003 Agency: 11NPSWRD Date Created: 03/13/99
Location: WEST FORK OF THE UPPER RIVER LETHE AT THE VTTS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_18
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (A-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE WEST FORK OF THE UPPER RIVER LETHE AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 24 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/89-08/24/89	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/89-08/24/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/24/89-08/24/89	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/24/89-08/24/89	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/89-08/24/89	1	19.953	19.953	19.953	19.953	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/24/89-08/24/89	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/89-08/24/89	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/89-08/24/89	1	3.981	3.981	3.981	3.981	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/89-08/24/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/89-08/24/89	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/89-08/24/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/89-08/24/89	1	0.95	0.95	0.95	0.95	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/24/89-08/24/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/24/89-08/24/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/89-08/24/89	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/89-08/24/89	1	37.1	37.1	37.1	37.1	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/24/89-08/24/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/24/89-08/24/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/24/89-08/24/89	1	4700.	4700.	4700.	4700.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/89-08/24/89	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/24/89-08/24/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/24/89-08/24/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/24/89-08/24/89	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0133

				Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0134

NPS Station ID: KATM0134 | LAT/LON: 58.958448/-155.272615 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NONVIANUK LAKE STREAM 3 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_NL3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT NONVIANUK LAKE STREAM 3 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/92-07/23/92	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/23/92-07/23/92	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/92-07/23/92	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/92-07/23/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/92-07/23/92	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: KATM0134

			Total	Exceed	Prop.	7/20-10/14			10/15-2/19			2/20-5/09			5/10-7/19		
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									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0135

NPS Station ID: KATM0135 LAT/LON: 58.331670/-155.274170 Agency: 11NPSWRD Date Created: 03/13/99
Location: THERMAL SPRING AT NE BANK OF RIVER LETHE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): KATM_KEITH_S5-1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT A MID-VALLEY THERMAL SPRING AT THE NORTHEAST BANK OF RIVER LETHE NEAR RIVER LETHE MILE 6; AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 8 JUNE 1990 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/90-06/08/90	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/90-06/08/90	1	154.	154.	154.	154.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/08/90-06/08/90	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/08/90-06/08/90	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/90-06/08/90	1	2.512	2.512	2.512	2.512	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/90-06/08/90	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/90-06/08/90	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/90-06/08/90	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/90-06/08/90	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/90-06/08/90	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/90-06/08/90	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/90-06/08/90	1	0.67	0.67	0.67	0.67	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/90-06/08/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/90-06/08/90	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/08/90-06/08/90	1	2.31	2.31	2.31	2.31	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/90-06/08/90	1	20.4	20.4	20.4	20.4	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/08/90-06/08/90	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/08/90-06/08/90	1	360.	360.	360.	360.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	06/08/90-06/08/90	1	22.	22.	22.	22.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/08/90-06/08/90	1	-104.	-104.	-104.	-104.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/08/90-06/08/90	1	-14.2	-14.2	-14.2	-14.2	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: KATM0135

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0136

NPS Station ID: KATM0136 LAT/LON: 58.331670/-155.274170 Agency: 11NPSWRD Date Created: 03/13/99
Location: THERMAL SPRING AT SW BANK OF RIVER LETHE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): KATM_KEITH_S5-2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT A MID-VALLEY THERMAL SPRING AT THE SOUTHWEST BANK OF RIVER LETHE NEAR RIVER LETHE MILE 6; AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 8 JUNE 1990 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/90-06/08/90	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/90-06/08/90	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/08/90-06/08/90	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/08/90-06/08/90	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/90-06/08/90	1	3.162	3.162	3.162	3.162	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/90-06/08/90	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/90-06/08/90	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/90-06/08/90	1	3.162	3.162	3.162	3.162	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/90-06/08/90	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/90-06/08/90	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/90-06/08/90	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/90-06/08/90	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/90-06/08/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/90-06/08/90	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/08/90-06/08/90	1	2.21	2.21	2.21	2.21	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/90-06/08/90	1	20.2	20.2	20.2	20.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/08/90-06/08/90	1	330.	330.	330.	330.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/08/90-06/08/90	1	36.	36.	36.	36.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	06/08/90-06/08/90	1	28.	28.	28.	28.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/08/90-06/08/90	1	-105.	-105.	-105.	-105.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/08/90-06/08/90	1	-14.3	-14.3	-14.3	-14.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0136

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0137

NPS Station ID: KATM0137
LAT/LON: 58.324338/-155.281503
Agency: 11NPSWRD
Date Created: 03/13/99
Location: UNNAMED STREAM NEAR 6 MILE CAMP
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_KEITH_11
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT AN UNNAMED STREAM NEAR 6 MILE CAMP LOCATED ON THE BOUNDARY BETWEEN THE BUTTRESS RANGE AND THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 21 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/89-08/21/89	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/21/89-08/21/89	1	161.	161.	161.	161.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/21/89-08/21/89	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/21/89-08/21/89	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/89-08/21/89	1	3.981	3.981	3.981	3.981	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/89-08/21/89	1	27.3	27.3	27.3	27.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/89-08/21/89	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/89-08/21/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/89-08/21/89	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/21/89-08/21/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/21/89-08/21/89	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/89-08/21/89	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/89-08/21/89	1	29.5	29.5	29.5	29.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/21/89-08/21/89	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/21/89-08/21/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/21/89-08/21/89	1	4900.	4900.	4900.	4900.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/21/89-08/21/89	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/21/89-08/21/89	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/21/89-08/21/89	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: KATM0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/21/89-08/21/89	1	49.	49.	49.	49.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0137

				Total	Exceed	Prop.	7/20-10/14			10/15-2/19			2/20-5/09			5/10-7/19		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0138

NPS Station ID: KATM0138 | LAT/LON: 58.341670/-155.295005 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BUTTRESS SPRING NEAR THE RIVER LETHE AT THE VTTS | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): KATM_KEITH_S4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT BUTTRESS SPRING NEAR THE NORTHEAST SIDE OF THE RIVER LETHE GORGE WHERE THE RIVER RUNS CLOSEST TO THE BUTTRESS RANGE AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 2 JUNE 1990 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/90-06/02/90	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/90-06/02/90	1	315.	315.	315.	315.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/02/90-06/02/90	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/02/90-06/02/90	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/90-06/02/90	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/90-06/02/90	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/90-06/02/90	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/90-06/02/90	1	3.162	3.162	3.162	3.162	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/90-06/02/90	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/90-06/02/90	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/90-06/02/90	1	24.9	24.9	24.9	24.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/90-06/02/90	1	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/90-06/02/90	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/90-06/02/90	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/02/90-06/02/90	1	2.41	2.41	2.41	2.41	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/02/90-06/02/90	1	26.4	26.4	26.4	26.4	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/02/90-06/02/90	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/02/90-06/02/90	1	86.	86.	86.	86.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	06/02/90-06/02/90	1	58.	58.	58.	58.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/02/90-06/02/90	1	-102.	-102.	-102.	-102.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/02/90-06/02/90	1	-13.9	-13.9	-13.9	-13.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0138

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0139

NPS Station ID: KATM0139
LAT/LON: 58.528365/-155.297726
Agency: 11NPSWRD
Date Created: 03/13/99
Location: SAVONOSKI RIVER
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_UAF_SR
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT THE SAVONOSKI RIVER INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/31/90-08/31/90	1	279.	279.	279.	279.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/90-08/31/90	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/90-08/31/90	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/31/90-08/31/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/31/90-08/31/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/90-08/31/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/31/90-08/31/90	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/90-08/31/90	1	227.	227.	227.	227.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/31/90-08/31/90	2	200.	200.	200.	200.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/90-08/31/90	1	0.074	0.074	0.074	0.074	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/31/90-08/31/90	2	21.	21.	21.3	20.7	0.18	0.424	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/31/90-08/31/90	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/31/90-08/31/90	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/31/90-08/31/90	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/90-08/31/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/90-08/31/90	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/31/90-08/31/90	2 ##	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/31/90-08/31/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/31/90-08/31/90	2	8855.	8855.	9320.	8390.	432450.	657.609	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/31/90-08/31/90	2 ##	37.5	37.5	40.	35.	12.5	3.536	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/31/90-08/31/90	2 ##	35.	35.	40.	30.	50.	7.071	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/31/90-08/31/90	2 ##	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**

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

Parameter Inventory for Station: KATM0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/31/90-08/31/90	2	309.5	309.5	365.	254.	6160.5	78.489	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/31/90-08/31/90	2	17.5	17.5	20.	15.	12.5	3.536	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/31/90-08/31/90	2 ##	0.275	0.275	0.3	0.25	0.001	0.035	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/31/90-08/31/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/31/90-08/31/90	2	42.5	42.5	46.	39.	24.5	4.95	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/31/90-08/31/90	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/31/90-08/31/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/31/90-08/31/90	2	77.	77.	79.	75.	8.	2.828	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/31/90-08/31/90	2	32.5	32.5	45.	20.	312.5	17.678	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/31/90-08/31/90	2	7440.	7440.	7930.	6950.	480200.	692.965	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/31/90-08/31/90	2 ##	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/31/90-08/31/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/31/90-08/31/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/31/90-08/31/90	2	9.5	9.5	12.	7.	12.5	3.536	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/31/90-08/31/90	2	150.	150.	150.	150.	0.	0.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/31/90-08/31/90	2 ##	2.75	2.75	3.	2.5	0.125	0.354	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/31/90-08/31/90	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/31/90-08/31/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/31/90-08/31/90	2	15250.	15250.	16300.	14200.	2205000.	1484.924	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	08/31/90-08/31/90	1	1.22	1.22	1.22	1.22	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/31/90-08/31/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/31/90-08/31/90	1	123.	123.	123.	123.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0139

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	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: KATM0140

NPS Station ID: KATM0140 LAT/LON: 58.340670/-155.298504 Agency: 11NPSWRD Date Created: 03/13/99
Location: STREAM DRAINING BUTTRESS RANGE AT VTTS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_10
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE STREAM DRAINING THE BUTTRESS RANGE ABOVE THE ASH FLOW NEAR THE VALLEY OF TEN THOUSAND SMOKES (VTTS) BOUNDARY. A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 28 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/89-08/28/89	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/28/89-08/28/89	1	259.	259.	259.	259.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/28/89-08/28/89	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/89-08/28/89	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/89-08/28/89	1	3.981	3.981	3.981	3.981	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/28/89-08/28/89	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/28/89-08/28/89	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/89-08/28/89	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/28/89-08/28/89	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/28/89-08/28/89	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/28/89-08/28/89	1	15.1	15.1	15.1	15.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/28/89-08/28/89	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/28/89-08/28/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/28/89-08/28/89	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/28/89-08/28/89	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/28/89-08/28/89	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/28/89-08/28/89	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/28/89-08/28/89	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/28/89-08/28/89	1	700.	700.	700.	700.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/28/89-08/28/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/28/89-08/28/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/28/89-08/28/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/28/89-08/28/89	1	62.	62.	62.	62.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/28/89-08/28/89	1	-106.	-106.	-106.	-106.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/28/89-08/28/89	1	-13.8	-13.8	-13.8	-13.8	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: KATM0140

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0141

NPS Station ID: KATM0141
LAT/LON: 59.187253/-155.326032
Agency: 11NPSWRD
Date Created: 03/13/99
Location: KUKAKLEK LAKE 1991 SAMPLING STATION
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_UAF_KK91
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-7) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KUKAKLEK LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 2 AUGUST 1991 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/91-08/02/91	13	10.8	9.531	11.2	5.6	5.144	2.268	5.68	7.	11.15	11.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/02/91-08/02/91	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/02/91-08/02/91	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/02/91-08/02/91	13	39.	38.	42.	31.	10.833	3.291	31.8	36.5	40.	42.
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/02/91-08/02/91	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/02/91-08/02/91	13	10.2	10.292	10.8	10.	0.081	0.284	10.	10.05	10.6	10.76
00406	PH, FIELD, STANDARD UNITS SU	08/02/91-08/02/91	13	7.6	7.577	7.8	7.1	0.042	0.205	7.14	7.55	7.7	7.76
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/02/91-08/02/91	13	7.6	7.523	7.8	7.1	0.045	0.212	7.14	7.55	7.7	7.76
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/91-08/02/91	13	0.025	0.03	0.079	0.016	0.	0.019	0.017	0.02	0.028	0.073
00440	BICARBONATE ION (MG/L AS HCO3)	08/02/91-08/02/91	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/02/91-08/02/91	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/02/91-08/02/91	3 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/91-08/02/91	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/02/91-08/02/91	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/91-08/02/91	3	3.3	3.267	3.3	3.2	0.003	0.058	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/02/91-08/02/91	3	0.8	0.767	0.8	0.7	0.003	0.058	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/02/91-08/02/91	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/02/91-08/02/91	3	0.4	0.367	0.4	0.3	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/02/91-08/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/02/91-08/02/91	3	10.	10.	10.	10.	0.	0.	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/02/91-08/02/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/02/91-08/02/91	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/02/91-08/02/91	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/02/91-08/02/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/02/91-08/02/91	3	1.	1.	1.	1.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/02/91-08/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/02/91-08/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/02/91-08/02/91	3	12.	12.	12.	12.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/02/91-08/02/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/02/91-08/02/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/02/91-08/02/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/02/91-08/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/02/91-08/02/91	3 ##	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/02/91-08/02/91	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/02/91-08/02/91	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/02/91-08/02/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/02/91-08/02/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/02/91-08/02/91	3	1290.	1293.333	1320.	1270.	633.333	25.166	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/02/91-08/02/91	1	0.103	0.103	0.103	0.103	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/02/91-08/02/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/02/91-08/02/91	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: KATM0141

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	13	0	0.00	13	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	13	0	0.00	13	0	0.00									
		Other-Lo Lim.	6.5	13	0	0.00	13	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0141

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0142

NPS Station ID: KATM0142 LAT/LON: 58.349170/-155.329504 Agency: 11NPSWRD Date Created: 03/13/99
Location: AN UNNAMED CREEK UPSTREAM OF THE ASH-FLOW FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_09
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT AN IRON DEPOSITING CREEK UPSTREAM OF THE ASH-FLOW AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS) BOUNDARY. WATER QUALITY SAMPLES WERE COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) IN THE 1980'S AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/82-08/28/89	2	11.75	11.75	12.5	11.	1.125	1.061	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/82-08/28/89	2	92.5	92.5	101.	84.	144.5	12.021	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/13/82-08/28/89	2	6.25	6.25	7.2	5.3	1.805	1.344	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/13/82-08/28/89	2	5.596	5.596	7.2	5.3	2.661	1.631	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/82-08/28/89	2	2.537	2.537	5.012	0.063	12.245	3.499	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/13/82-08/13/82	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/13/82-08/13/82	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/82-08/13/82	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/82-08/28/89	2	10.2	10.2	11.2	9.2	2.	1.414	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/82-08/28/89	2	1.8	1.8	2.1	1.5	0.18	0.424	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/82-08/28/89	2	4.2	4.2	4.3	4.1	0.02	0.141	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/82-08/28/89	2	0.57	0.57	0.66	0.48	0.016	0.127	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/13/82-08/28/89	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/13/82-08/28/89	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/82-08/28/89	2	0.46	0.46	0.75	0.17	0.168	0.41	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/82-08/28/89	2	20.3	20.3	20.4	20.2	0.02	0.141	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/28/89-08/28/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/13/82-08/28/89	2 ##	162.5	162.5	300.	25.	37812.5	194.454	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/13/82-08/28/89	2	2000.	2000.	2400.	1600.	320000.	565.685	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: KATM0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/82-08/28/89	2	80.	80.	90.	70.	200.	14.142	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/13/82-08/28/89	2	20.	20.	20.	20.	0.	0.	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	08/13/82-08/13/82	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/13/82-08/28/89	2 ##	3.	3.	5.	1.	8.	2.828	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/13/82-08/13/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/13/82-08/28/89	2	59.	59.	71.	47.	288.	16.971	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/13/82-08/28/89	2	-110.5	-110.5	-110.	-111.	0.5	0.707	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/13/82-08/28/89	2	-14.45	-14.45	-14.4	-14.5	0.005	0.071	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0142

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0143

NPS Station ID: KATM0143 LAT/LON: 58.426670/-155.336504 Agency: 11NPSWRD Date Created: 05/22/99
Location: UKAK RIVER FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_SNL_UKA
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-5) 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS LOCATED AT THE UKAK RIVER IN THE VALLEY OF TEN THOUSAND SMOKES REGION. DATA FOR THIS STATION WERE COLLECTED AS PART OF A PROPOSED DRILLING PROJECT IN KATM AND ARE SUMMARIZED IN TABLE C-4 OFA MAY 1992 SANDIA REPORT (SAND92-0850) TITLED "REVISED OPERATIONS PLAN FOR THE KATMAI SCIENTIFIC DRILLING PROJECT" BY A.R. SATTLER AND D.A. BLANKENSHIP. THE STATION LOCATION IS APPROXIMATE DUE TO A LACK OF STATION LOCATION INFORMATION IN THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	06/15/91-06/15/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/15/91-06/15/91	1	48.	48.	48.	48.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/15/91-06/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/15/91-06/15/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/15/91-06/15/91	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/15/91-06/15/91	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/15/91-06/15/91	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/15/91-06/15/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/15/91-06/15/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0143

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	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	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0144

NPS Station ID: KATM0144 LAT/LON: 58.426670/-155.336504 Agency: 11NPSWRD Date Created: 03/13/99
Location: UKAK RIVER NORTH OF THE VTTS AT TOE OF ASH FLOW FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_01
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE UKAK RIVER AT THE TOE OF THE ASH FLOW NORTH OF THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 6 AUGUST 1984 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/84-08/06/84	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/84-08/06/84	1	378.	378.	378.	378.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/06/84-08/06/84	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/84-08/06/84	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/84-08/06/84	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/06/84-08/06/84	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/06/84-08/06/84	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/84-08/06/84	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/06/84-08/06/84	1	35.6	35.6	35.6	35.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/06/84-08/06/84	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/06/84-08/06/84	1	31.1	31.1	31.1	31.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/06/84-08/06/84	1	2.46	2.46	2.46	2.46	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/06/84-08/06/84	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/06/84-08/06/84	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/06/84-08/06/84	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/06/84-08/06/84	1	53.1	53.1	53.1	53.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/06/84-08/06/84	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/06/84-08/06/84	1	80.	80.	80.	80.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/06/84-08/06/84	1	58.	58.	58.	58.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0144

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0145

NPS Station ID: KATM0145 | LAT/LON: 58.515809/-155.353031 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: UKAK RIVER | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_UR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT THE UKAK RIVER INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/31/90-08/31/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/90-08/31/90	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/31/90-08/31/90	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/31/90-08/31/90	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/90-08/31/90	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/31/90-08/31/90	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/31/90-08/31/90	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/90-08/31/90	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/31/90-08/31/90	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/90-08/31/90	1	665.	665.	665.	665.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/31/90-08/31/90	2	300.	300.	300.	300.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/90-08/31/90	1	0.099	0.099	0.099	0.099	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/31/90-08/31/90	2	32.6	32.6	33.2	32.	0.72	0.849	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/31/90-08/31/90	2	8.	8.	8.	8.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/31/90-08/31/90	2	24.	24.	24.	24.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/31/90-08/31/90	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/90-08/31/90	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/90-08/31/90	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/31/90-08/31/90	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/31/90-08/31/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/31/90-08/31/90	2	7145.	7145.	8040.	6250.	1602050.	1265.721	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/31/90-08/31/90	2 ##	35.	35.	35.	35.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/31/90-08/31/90	2 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/31/90-08/31/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/31/90-08/31/90	2	324.5	324.5	425.	224.	20200.5	142.128	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/31/90-08/31/90	2	14.5	14.5	17.	12.	12.5	3.536	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/31/90-08/31/90	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/31/90-08/31/90	2	170.	170.	170.	170.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/31/90-08/31/90	2	35.5	35.5	42.	29.	84.5	9.192	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/31/90-08/31/90	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/31/90-08/31/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/31/90-08/31/90	2	97.	97.	100.	94.	18.	4.243	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/31/90-08/31/90	2	22.	22.	27.	17.	50.	7.071	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/31/90-08/31/90	2	7670.	7670.	9070.	6270.	3920000.	1979.899	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/31/90-08/31/90	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/31/90-08/31/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/31/90-08/31/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/31/90-08/31/90	2	11.	11.	13.	9.	8.	2.828	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/31/90-08/31/90	2	120.	120.	130.	110.	200.	14.142	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/31/90-08/31/90	2 ##	3.25	3.25	3.5	3.	0.125	0.354	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/31/90-08/31/90	2	67.	67.	67.	67.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/31/90-08/31/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/31/90-08/31/90	2	20750.	20750.	26200.	15300.	59405000.	7707.464	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	08/31/90-08/31/90	1	2.44	2.44	2.44	2.44	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/31/90-08/31/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/31/90-08/31/90	1	210.	210.	210.	210.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0145

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0145

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
82079 TURBIDITY, LAB	Other-Hi Lim.	50.	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: KATM0146

NPS Station ID: KATM0146 LAT/LON: 58.371670/-155.358170 Agency: 11NPSWRD Date Created: 03/13/99
Location: LOWER KNIFE CREEK ABOVE THREE FORKS AT THE VTTS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_04
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT LOWER KNIFE CREEK ABOVE THREE FORKS AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 6 AUGUST 1986 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/86-08/06/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/86-08/06/86	1	483.	483.	483.	483.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/06/86-08/06/86	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/86-08/06/86	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/86-08/06/86	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/06/86-08/06/86	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/06/86-08/06/86	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/86-08/06/86	1	3.162	3.162	3.162	3.162	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/06/86-08/06/86	1	44.1	44.1	44.1	44.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/06/86-08/06/86	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/06/86-08/06/86	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/06/86-08/06/86	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/06/86-08/06/86	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/06/86-08/06/86	1	104.	104.	104.	104.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/06/86-08/06/86	1	1.35	1.35	1.35	1.35	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/06/86-08/06/86	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/06/86-08/06/86	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/06/86-08/06/86	1	70.	70.	70.	70.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/06/86-08/06/86	1	37.	37.	37.	37.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0147

NPS Station ID: KATM0147
LAT/LON: 58.358170/-155.358671
Agency: 11NPSWRD
Date Created: 03/13/99
Location: LOWER RIVER LETHE AT THE VTTS
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_KEITH_05
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE LOWER RIVER LETHE BETWEEN THE UKAK RIVER AND THE VALLEY OF TEN THOUSAND SMOKES (VTTS) BOUNDARY. WATER QUALITY SAMPLES WERE COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) IN THE 1980'S AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/82-06/05/90	4	10.6	10.65	13.	8.4	3.77	1.942	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/82-06/05/90	4	362.5	336.5	380.	241.	4135.	64.304	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/13/82-06/05/90	4	6.65	6.675	7.5	5.9	0.709	0.842	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/13/82-06/05/90	4	6.28	6.233	7.5	5.9	0.97	0.985	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/82-06/05/90	4	0.525	0.585	1.259	0.032	0.406	0.637	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/13/82-06/05/90	4	5.65	5.7	6.	5.5	0.047	0.216	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/13/82-06/05/90	4	5.647	5.664	6.	5.5	0.048	0.22	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/82-06/05/90	4	2.254	2.167	3.162	1.	0.834	0.913	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/82-06/05/90	4	22.7	21.375	28.6	11.5	54.916	7.411	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/82-06/05/90	4	7.8	7.325	9.2	4.5	4.309	2.076	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/82-06/05/90	4	30.75	30.75	35.2	26.3	22.083	4.699	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/82-06/05/90	4	1.915	2.035	2.51	1.8	0.111	0.333	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/13/82-06/05/90	4	26.5	27.5	40.	17.	89.667	9.469	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/13/82-06/05/90	4	61.5	55.	71.	26.	395.333	19.883	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/82-06/05/90	4	1.97	1.868	2.33	1.2	0.295	0.543	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/82-06/05/90	4	28.	31.25	42.5	26.5	56.857	7.54	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/89-08/20/89	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/13/82-06/05/90	4	230.	227.5	400.	50.	39691.667	199.228	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/89-08/20/89	1	6800.	6800.	6800.	6800.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/82-08/20/89	2	60.	60.	90.	30.	1800.	42.426	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/13/82-08/20/89	2	105.	105.	140.	70.	2450.	49.497	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	08/13/82-08/13/82	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/13/82-06/05/90	4	111.5	104.25	125.	69.	594.25	24.377	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/13/82-08/13/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/13/82-06/05/90	4	71.	67.5	82.	46.	238.333	15.438	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/05/90-06/05/90	1	-105.	-105.	-105.	-105.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/05/90-06/05/90	1	-14.1	-14.1	-14.1	-14.1	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: KATM0147

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	3	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	4	2	0.50	3	1	0.33							1	1	1.00
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	3	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	4	4	1.00	3	3	1.00							1	1	1.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	3	0	0.00							1	0	0.00
		Drinking Water	250.	4	0	0.00	3	0	0.00							1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	3	0	0.00							1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	3	0	0.00							1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0148

NPS Station ID: KATM0148 | LAT/LON: 58.346337/-155.361504 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: WINDY CREEK ABOVE ASH-FLOW | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_KEITH_08
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT WINDY CREEK SOUTH OF THE VALLEY OF TEN THOUSAND SMOKES (VTTS) ABOVE THE ASH-FLOW SHEET. A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 20 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/89-08/20/89	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/89-08/20/89	1	136.	136.	136.	136.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/20/89-08/20/89	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/89-08/20/89	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/89-08/20/89	1	3.162	3.162	3.162	3.162	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/89-08/20/89	1	12.2	12.2	12.2	12.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/89-08/20/89	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/89-08/20/89	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/89-08/20/89	1	0.53	0.53	0.53	0.53	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/89-08/20/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/89-08/20/89	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/89-08/20/89	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/89-08/20/89	1	14.7	14.7	14.7	14.7	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/89-08/20/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/20/89-08/20/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/89-08/20/89	1	600.	600.	600.	600.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/89-08/20/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/89-08/20/89	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/89-08/20/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/20/89-08/20/89	1	52.	52.	52.	52.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0148

				Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0149

NPS Station ID: KATM0149 | LAT/LON: 58.978142/-155.362921 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NONVIANUK LAKE STREAM 4 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_NL4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT NONVIANUK LAKE STREAM 4 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/92-07/23/92	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/23/92-07/23/92	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/92-07/23/92	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/92-07/23/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/92-07/23/92	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: KATM0149

			Total	Exceed	Prop.	7/20-10/14			10/15-2/19			2/20-5/09			5/10-7/19		
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									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0150

NPS Station ID: KATM0150 | LAT/LON: 58.373003/-155.364504 | Agency: 11NPSWRD | Date Created: 05/22/99
Location: KNIFE CREEK AT THREE FORKS | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_SNL_KNI
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-5) 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS LOCATED AT KNIFE CREEK AT THREE FORKS IN THE VALLEY OF TEN THOUSAND SMOKES REGION. DATA FOR THIS STATION WERE COLLECTED AS PART OF A PROPOSED DRILLING PROJECT IN KATM AND ARE SUMMARIZED IN TABLE C-4 OF A MAY 1992 SANDIA REPORT (SAND92-0850) TITLED "REVISED OPERATIONS PLAN FOR THE KATMAI SCIENTIFIC DRILLING PROJECT" BY A.R. SATTLER AND D.A. BLANKENSHIP. THE STATION LOCATION IS APPROXIMATE DUE TO A LACK OF STATION LOCATION INFORMATION IN THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	06/15/91-06/15/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/15/91-06/15/91	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/15/91-06/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/15/91-06/15/91	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/15/91-06/15/91	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/15/91-06/15/91	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/15/91-06/15/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/15/91-06/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/15/91-06/15/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0150

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	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	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0151

NPS Station ID: KATM0151 LAT/LON: 58.373003/-155.364504 Agency: 11NPSWRD Date Created: 03/13/99
Location: LOWER KNIFE CREEK AT THREE FORKS AT THE VTTS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_03
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT LOWER KNIFE CREEK AT THREE FORKS AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). WATER QUALITY SAMPLES WERE COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) IN THE 1980'S AND EARLY 1990'S AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/82-06/03/90	3	9.2	9.333	11.	7.8	2.573	1.604	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/12/82-06/03/90	3	474.	493.	565.	440.	4177.	64.63	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/12/82-06/03/90	3	5.7	6.1	7.1	5.5	0.76	0.872	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/12/82-06/03/90	3	5.7	5.758	7.1	5.5	0.935	0.967	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/82-06/03/90	3	1.995	1.746	3.162	0.079	2.423	1.557	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/12/82-06/03/90	3	5.4	5.533	5.9	5.3	0.103	0.321	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/12/82-06/03/90	3	5.4	5.466	5.9	5.3	0.11	0.332	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/82-06/03/90	3	3.981	3.417	5.012	1.259	3.76	1.939	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/12/82-06/03/90	3	42.	45.433	56.4	37.9	94.403	9.716	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/12/82-06/03/90	3	11.6	11.567	14.6	8.5	9.303	3.05	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/12/82-06/03/90	3	39.6	37.133	42.5	29.3	48.123	6.937	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/82-06/03/90	3	2.37	2.177	2.4	1.76	0.13	0.361	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/12/82-06/03/90	3	38.	42.667	57.	33.	160.333	12.662	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/12/82-06/03/90	3	113.	117.667	140.	100.	416.333	20.404	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/12/82-06/03/90	3	1.5	1.477	1.6	1.33	0.019	0.137	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/82-06/03/90	3	28.4	46.7	86.6	25.1	1196.73	34.594	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/19/89-08/19/89	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/12/82-06/03/90	3	210.	220.	300.	150.	5700.	75.498	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/19/89-08/19/89	1	38700.	38700.	38700.	38700.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: KATM0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/12/82-08/19/89	2	260.	260.	390.	130.	33800.	183.848	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/12/82-08/19/89	2	190.	190.	240.	140.	5000.	70.711	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	08/12/82-08/12/82	1	340.	340.	340.	340.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/12/82-06/03/90	3	76.	74.667	80.	68.	37.333	6.11	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/12/82-08/12/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/12/82-06/03/90	3	55.	46.667	59.	26.	324.333	18.009	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/03/90-06/03/90	1	-115.	-115.	-115.	-115.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/03/90-06/03/90	1	-15.4	-15.4	-15.4	-15.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	2	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	3	2	0.67	2	1	0.50							1	1	1.00
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00	2	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	3	3	1.00	2	2	1.00							1	1	1.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00							1	0	0.00
		Drinking Water	250.	3	0	0.00	2	0	0.00							1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	2	0	0.00							1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	2	0	0.00							1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0152

NPS Station ID: KATM0152 | LAT/LON: 59.175892/-155.365365 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: KUKAKLEK LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_BCF_KUK
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 246 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-7) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT KUKAKLEK LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. DATA FROM MULTIPLE SAMPLES WERE COMPOSITED INTO A SINGLE SAMPLE VALUE. DATA WERE COLLECTED BETWEEN JULY 1961 AND AUGUST 1962; MORE EXACT SAMPLE DATES WERE NOT GIVEN. LIMNOLOGICAL DATA COLLECTION WAS SUPERVISED BY WILBUR L. HARTMAN; BUREAU OF COMMERCIAL FISHERIES (AUKE BAY LABORATORY). RESULTS WERE SUMMARIZED IN A REPORT TITLED "BIOLOGICAL STUDIES AND ESTIMATES OF OPTIMUM ESCAPEMENTS OF SOCKEYE SALMON IN THE MAJOR RIVER SYSTEMS IN SOUTHWESTERN ALASKA" (BURGNER ET. AL. 1969). FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0152

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: KATM0153

NPS Station ID: KATM0153
LAT/LON: 59.163865/-155.370310
Agency: 11NPSWRD
Date Created: 03/13/99
Location: KUKAKLEK LAKE 1990 SAMPLING STATION
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_UAF_KK90
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-7) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KUKAKLEK LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 3 AUGUST 1990 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/90-08/03/90	13	10.7	9.792	11.5	6.3	3.639	1.908	6.42	7.9	11.1	11.42
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/03/90-08/03/90	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/03/90-08/03/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/90-08/03/90	13	34.	32.846	39.	22.	39.808	6.309	22.4	27.5	39.	39.
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/03/90-08/03/90	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/03/90-08/03/90	13	10.5	10.562	10.8	10.3	0.034	0.185	10.3	10.4	10.75	10.8
00406	PH, FIELD, STANDARD UNITS SU	08/03/90-08/03/90	13	7.3	7.346	7.5	7.2	0.008	0.088	7.24	7.3	7.4	7.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/03/90-08/03/90	13	7.3	7.338	7.5	7.2	0.008	0.088	7.24	7.3	7.4	7.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/90-08/03/90	13	0.05	0.046	0.063	0.032	0.	0.009	0.032	0.04	0.05	0.058
00440	BICARBONATE ION (MG/L AS HCO3)	08/03/90-08/03/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/03/90-08/03/90	3 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/90-08/03/90	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/03/90-08/03/90	3	3.5	3.5	3.6	3.4	0.01	0.1	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/03/90-08/03/90	3	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/03/90-08/03/90	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/03/90-08/03/90	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/90-08/03/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/03/90-08/03/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/03/90-08/03/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/03/90-08/03/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/03/90-08/03/90	3 ##	5.	21.667	55.	5.	833.333	28.868	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/03/90-08/03/90	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/03/90-08/03/90	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/03/90-08/03/90	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/03/90-08/03/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/03/90-08/03/90	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/03/90-08/03/90	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/03/90-08/03/90	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/03/90-08/03/90	3	1.	0.967	1.	0.9	0.003	0.058	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/03/90-08/03/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/03/90-08/03/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/03/90-08/03/90	3	13.	13.	13.	13.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/03/90-08/03/90	3 ##	1.5	3.	6.	1.5	6.75	2.598	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/03/90-08/03/90	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/03/90-08/03/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/03/90-08/03/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/03/90-08/03/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/03/90-08/03/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/03/90-08/03/90	3 ##	1.	1.667	3.	1.	1.333	1.155	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/03/90-08/03/90	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/03/90-08/03/90	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/03/90-08/03/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/03/90-08/03/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/03/90-08/03/90	3	1390.	1373.333	1410.	1320.	2233.333	47.258	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/03/90-08/03/90	1	0.178	0.178	0.178	0.178	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/03/90-08/03/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/03/90-08/03/90	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	13	0	0.00	13	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	13	0	0.00	13	0	0.00									
		Other-Lo Lim.	6.5	13	0	0.00	13	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0154

NPS Station ID: KATM0154 | LAT/LON: 58.361337/-155.372337 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: WINDY CREEK NEAR UKAK RIVER AT VTTS | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_KEITH_06
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT WINDY CREEK NEAR THE UKAK RIVER ABOVE FORD AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 20 AUGUST 1989 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/89-08/20/89	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/89-08/20/89	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/20/89-08/20/89	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/89-08/20/89	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/89-08/20/89	1	3.162	3.162	3.162	3.162	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/89-08/20/89	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/89-08/20/89	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/89-08/20/89	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/89-08/20/89	1	0.57	0.57	0.57	0.57	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/20/89-08/20/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/89-08/20/89	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/89-08/20/89	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/89-08/20/89	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/89-08/20/89	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/20/89-08/20/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/89-08/20/89	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/89-08/20/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/89-08/20/89	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/20/89-08/20/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/20/89-08/20/89	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

EPA Water Quality Criteria Analysis for Station: KATM0154

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0155

NPS Station ID: KATM0155
LAT/LON: 58.353670/-155.379670
Agency: 11NPSWRD
Date Created: 03/13/99
Location: WINDY CREEK AT FORD AT THE VTTS
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_KEITH_07
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT WINDY CREEK AT FORD AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). A WATER QUALITY SAMPLE WAS COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) ON 20 JULY 1986 AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/86-07/20/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/86-07/20/86	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/20/86-07/20/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/86-07/20/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/86-07/20/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/20/86-07/20/86	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/20/86-07/20/86	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/86-07/20/86	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/86-07/20/86	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/86-07/20/86	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/86-07/20/86	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/86-07/20/86	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/86-07/20/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/86-07/20/86	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/20/86-07/20/86	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/20/86-07/20/86	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/20/86-07/20/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/20/86-07/20/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/20/86-07/20/86	1	25.	25.	25.	25.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0156

NPS Station ID: KATM0156
LAT/LON: 58.371170/-155.380004
Agency: 11NPSWRD
Date Created: 03/13/99
Location: COLD SPRING AT UKAK RIVER TRAIL
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): KATM_KEITH_S1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT A COLD SPRING AT THREE FORKS OVERLOOK HILL AT THE UKAK RIVER TRAIL NEAR THE NORTHWEST END OF THE VALLEY OF THOUSAND SMOKES (VTTS). WATER QUALITY SAMPLES WERE COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) IN THE 1980'S AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/82-08/19/89	3	5.	6.267	9.	4.8	5.613	2.369	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/19/82-08/19/89	3	128.	131.333	140.	126.	57.333	7.572	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/19/82-08/19/89	3	7.1	6.633	7.4	5.4	1.163	1.079	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/19/82-08/19/89	3	7.1	5.864	7.4	5.4	2.05	1.432	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/82-08/19/89	3	0.079	1.367	3.981	0.04	5.126	2.264	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/19/82-07/19/86	2	5.65	5.65	5.7	5.6	0.005	0.071	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/19/82-07/19/86	2	5.647	5.647	5.7	5.6	0.005	0.071	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/82-07/19/86	2	2.254	2.254	2.512	1.995	0.133	0.365	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/82-08/19/89	3	17.3	17.2	18.3	16.	1.33	1.153	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/82-08/19/89	3	3.	2.767	3.4	1.9	0.603	0.777	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/82-08/19/89	3	5.2	5.133	5.3	4.9	0.043	0.208	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/19/82-08/19/89	3	0.5	0.397	0.52	0.17	0.039	0.197	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/19/82-08/19/89	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/19/82-08/19/89	3	18.	18.667	21.	17.	4.333	2.082	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/82-08/19/89	3	0.14	0.157	0.28	0.05	0.013	0.116	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/82-08/19/89	3	19.2	19.233	19.4	19.1	0.023	0.153	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/19/82-08/19/89	2 ##	777.5	777.5	1530.	25.	1132512.5	1064.196	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/19/82-08/19/89	3 ##	25.	66.667	150.	25.	5208.333	72.169	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/19/89-08/19/89	1	110.	110.	110.	110.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/89-08/19/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/19/82-08/19/89	2	35.	35.	40.	30.	50.	7.071	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/19/82-08/19/89	3	5.	6.333	10.	4.	10.333	3.215	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	07/19/82-07/19/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	07/19/82-08/19/89	3	46.	52.333	66.	45.	140.333	11.846	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/19/82-08/19/89	2	-109.	-109.	-109.	-109.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/19/82-08/19/89	2	-14.4	-14.4	-13.8	-15.	0.72	0.849	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0156

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	1	0	0.00							2	0	0.00
		Other-Lo Lim.	6.5	3	1	0.33	1	1	1.00							2	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	2	1.00										2	2	1.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00							2	0	0.00
		Drinking Water	250.	3	0	0.00	1	0	0.00							2	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00							2	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	1	0	0.00							2	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0157

NPS Station ID: KATM0157
LAT/LON: 58.371170/-155.380004
Agency: 11NPSWRD
Date Created: 05/22/99
Location: FRESH WATER SPRING
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): KATM_SNL_FWS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT KATMAI (B-5) 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS LOCATED AT A FRESH WATER SPRING IN THE VALLEY OF TEN THOUSAND SMOKES REGION. DATA FOR THIS STATION WERE COLLECTED AS PART OF A PROPOSED DRILLING PROJECT IN KATM AND ARE SUMMARIZED IN TABLE C-4 OF A MAY 1992 SANDIA REPORT (SAND92-0850) TITLED "REVISED OPERATIONS PLAN FOR THE KATMAI SCIENTIFIC DRILLING PROJECT" BY A.R. SATTLER AND D.A. BLANKENSHIP. THE STATION LOCATION IS APPROXIMATE DUE TO A LACK OF STATION LOCATION INFORMATION IN THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/91-08/15/91	1	19.2	19.2	19.2	19.2	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/91-08/15/91	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/15/91-08/15/91	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	08/15/91-08/15/91	1	24.3	24.3	24.3	24.3	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/15/91-08/15/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/15/91-08/15/91	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/15/91-08/15/91	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/15/91-08/15/91	1	260.	260.	260.	260.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/15/91-08/15/91	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/15/91-08/15/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/15/91-08/15/91	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/15/91-08/15/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	08/15/91-08/15/91	1 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
01117	CESIUM, TOTAL (UG/L AS CS)	08/15/91-08/15/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	08/15/91-08/15/91	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01137	RUBIDIUM, TOTAL (UG/L AS RB)	08/15/91-08/15/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/15/91-08/15/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/15/91-08/15/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	08/15/91-08/15/91	1 ##	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0157

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
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	1	1.00	1	1	1.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	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.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0158

NPS Station ID: KATM0158 | LAT/LON: 59.204087/-155.382338 | Agency: 11NPSWRD | Date Created: 03/27/99
Location: KUKAKLEK LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_NPS_KUK
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KUKAKLEK LAKE AND IS LOCATED INSIDE THE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. DATA ARE FROM THE KATM WATER QUALITY DATA BASE AND WERE COLLECTED FROM 1994 THROUGH 1997 BY KATM STAFF AS PART OF AN ON GOING STUDY TO MONITOR WATER QUALITY OF THE 11 LARGE KATM LAKES. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	41	11.1	11.376	15.4	8.8	3.65	1.91	9.1	10.2	11.45	15.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-07/25/96	3	11.8	12.3	14.6	10.5	4.39	2.095	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-07/25/96	33	38.	37.636	40.	36.	1.114	1.055	36.	37.	38.	38.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-07/25/96	22	10.9	10.945	11.2	10.7	0.019	0.137	10.8	10.8	11.025	11.17
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-07/25/96	33	99.9	87.039	104.2	36.7	495.767	22.266	46.72	68.15	102.05	103.28
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	41	7.2	7.206	7.57	6.73	0.055	0.234	6.892	6.985	7.365	7.546
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/05/97	41	7.2	7.144	7.57	6.73	0.058	0.242	6.892	6.985	7.365	7.546
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/05/97	41	0.063	0.072	0.186	0.027	0.002	0.04	0.028	0.043	0.104	0.128
00480	SALINITY - PARTS PER THOUSAND	07/28/94-07/25/96	33 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

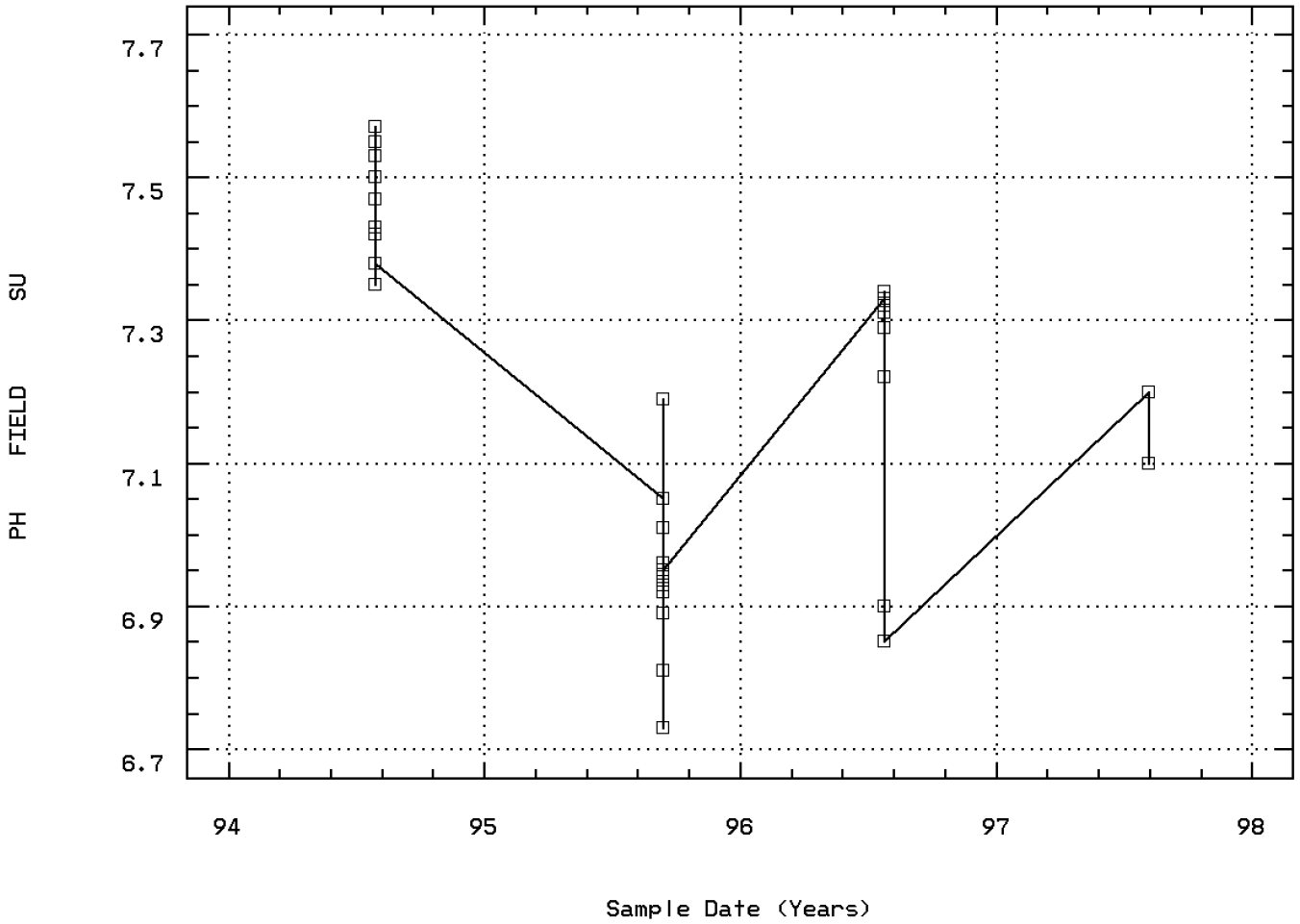
EPA Water Quality Criteria Analysis for Station: KATM0158

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	22	0	0.00	22	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	41	0	0.00	41	0	0.00									
		Other-Lo Lim.	6.5	41	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

Station: KATM0158 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



KUKAKLEK LAKE

Station Inventory for Station: KATM0159

NPS Station ID: KATM0159 LAT/LON: 58.380003/-155.382838 Agency: 11NPSWRD Date Created: 03/13/99
Location: UKAK RIVER NEAR THE FOOTBRIDGE AT THE VTTS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_KEITH_02
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE UKAK RIVER NEAR THE FOOTBRIDGE AT THE VALLEY OF TEN THOUSAND SMOKES (VTTS). WATER QUALITY SAMPLES WERE COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) IN THE 1980'S AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/82-06/03/90	4	11.15	11.175	14.	8.4	7.509	2.74	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/12/82-06/03/90	4	375.5	399.75	507.	341.	5580.917	74.706	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/12/82-06/03/90	4	6.3	6.325	7.4	5.3	1.163	1.078	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/12/82-06/03/90	4	5.79	5.683	7.4	5.3	1.711	1.308	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/82-06/03/90	4	1.621	2.073	5.012	0.04	5.977	2.445	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/12/82-06/03/90	3	5.9	5.867	5.9	5.8	0.003	0.058	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/12/82-06/03/90	3	5.9	5.864	5.9	5.8	0.003	0.058	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/82-06/03/90	3	1.259	1.368	1.585	1.259	0.035	0.188	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/12/82-06/03/90	4	32.25	32.575	39.9	25.9	54.089	7.355	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/12/82-06/03/90	4	9.05	8.35	9.2	6.1	2.257	1.502	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/12/82-06/03/90	4	27.9	24.475	35.9	6.2	182.823	13.521	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/82-06/03/90	4	1.775	1.74	2.11	1.3	0.173	0.416	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/12/82-06/03/90	4	29.	32.25	46.	25.	93.583	9.674	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/12/82-06/03/90	4	86.5	86.75	101.	73.	138.917	11.786	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/12/82-06/03/90	4	1.475	1.333	1.63	0.75	0.16	0.4	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/82-06/03/90	4	25.15	35.1	67.9	22.2	481.687	21.947	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/19/89-08/19/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/12/82-06/03/90	4	300.	312.5	600.	50.	69891.667	264.37	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/19/89-08/19/89	1	21000.	21000.	21000.	21000.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/12/82-08/19/89	2	100.	100.	130.	70.	1800.	42.426	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/12/82-08/19/89	2	135.	135.	170.	100.	2450.	49.497	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	08/12/82-08/12/82	1	50.	50.	50.	50.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/12/82-06/03/90	4	74.	79.	102.	66.	273.333	16.533	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/12/82-08/12/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/12/82-06/03/90	4	32.5	35.	57.	18.	282.	16.793	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/03/90-06/03/90	1	-110.	-110.	-110.	-110.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/03/90-06/03/90	1	-14.9	-14.9	-14.9	-14.9	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: KATM0159

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	2	0	0.00							2	0	0.00
		Other-Lo Lim.	6.5	4	2	0.50	2	1	0.50							2	1	0.50
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00	1	0	0.00							2	0	0.00
		Other-Lo Lim.	6.5	3	3	1.00	1	1	1.00							2	2	1.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	2	0	0.00							2	0	0.00
		Drinking Water	250.	4	0	0.00	2	0	0.00							2	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	2	0	0.00							2	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	2	0	0.00							2	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0160

NPS Station ID: KATM0160
LAT/LON: 58.358892/-155.391670
Agency: 112WRD
Date Created: 03/04/77
Location: WINDY C TR NR BROOKS CAMP AK
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 582132155233000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: KATM0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/69-06/10/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/10/69-06/10/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/10/69-06/10/69	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/10/69-06/10/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/10/69-06/10/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/10/69-06/10/69	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/10/69-06/10/69	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/10/69-06/10/69	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/10/69-06/10/69	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/10/69-06/10/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/10/69-06/10/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/10/69-06/10/69	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/10/69-06/10/69	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/10/69-06/10/69	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/10/69-06/10/69	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/10/69-06/10/69	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/10/69-06/10/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/10/69-06/10/69	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/10/69-06/10/69	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/10/69-06/10/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/10/69-06/10/69	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/10/69-06/10/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/10/69-06/10/69	1	18.	18.	18.	18.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/10/69-06/10/69	1	82.	82.	82.	82.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/10/69-06/10/69	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/10/69-06/10/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	06/10/69-06/10/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: KATM0160

Parameter				Total	Exceed	Prop.	7/20-10/14			10/15-2/19			2/20-5/09			5/10-7/19		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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EPA Water Quality Criteria Analysis for Station: KATM0160

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0161

NPS Station ID: KATM0161
LAT/LON: 58.365338/-155.393004
Agency: 11NPSWRD
Date Created: 03/13/99
Location: COLD SPRING ON WINDY CREEK TRAIL
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): KATM_KEITH_S2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT A COLD SPRING AT THREE FORKS OVERLOOK HILL AT THE WINDY CREEK TRAIL NEAR THE NORTHWEST END OF THE VALLEY OF THOUSAND SMOKES (VTTS). WATER QUALITY SAMPLES WERE COLLECTED AT THIS SITE BY TERRY KEITH (US GEOLOGICAL SURVEY) IN THE 1980'S AS PART OF A GEOCHEMICAL STUDY OF THE VTTS. RESULTS WERE PUBLISHED IN THE REPORT "GEOCHEMISTRY OF WATERS IN THE VALLEY OF TEN THOUSAND SMOKES REGION; ALASKA" BY TERRY KEITH ET AL. (JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH; 49 (1992) 209-231). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL (907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL (970)225-3516.

Parameter Inventory for Station: KATM0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/82-08/20/89	3	5.	5.667	7.	5.	1.333	1.155	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/14/82-08/20/89	3	120.	120.	121.	119.	1.	1.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/14/82-08/20/89	3	6.8	6.533	7.4	5.4	1.053	1.026	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/14/82-08/20/89	3	6.8	5.856	7.4	5.4	1.741	1.32	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/82-08/20/89	3	0.158	1.393	3.981	0.04	5.027	2.242	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/14/82-07/20/86	2	5.75	5.75	5.9	5.6	0.045	0.212	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/14/82-07/20/86	2	5.725	5.725	5.9	5.6	0.046	0.215	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/82-07/20/86	2	1.885	1.885	2.512	1.259	0.785	0.886	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/82-08/20/89	3	16.3	16.567	18.6	14.8	3.663	1.914	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/82-08/20/89	3	3.1	2.833	3.5	1.9	0.693	0.833	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/82-08/20/89	3	4.4	4.433	4.8	4.1	0.123	0.351	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/82-08/20/89	3	0.45	0.477	0.74	0.24	0.063	0.251	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/14/82-08/20/89	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/14/82-08/20/89	3	16.	16.	21.	11.	25.	5.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/82-08/20/89	3	0.03	0.057	0.12	0.02	0.003	0.055	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/82-08/20/89	3	19.1	19.3	20.3	18.5	0.84	0.917	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/20/89-08/20/89	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/14/82-08/20/89	3	150.	218.333	480.	25.	55258.333	235.071	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/89-08/20/89	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/14/82-08/20/89	2	10.	10.	10.	10.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/14/82-08/20/89	2	55.	55.	90.	20.	2450.	49.497	**	**	**	**
01115	CESIUM, DISSOLVED (UG/L AS CS)	08/14/82-08/14/82	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/14/82-08/20/89	3	8.	7.667	10.	5.	6.333	2.517	**	**	**	**
01135	RUBIDIUM, DISSOLVED (UG/L AS RB)	08/14/82-08/14/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
29805	BICARBONATE,WATR,DISS.,FIX END PT,LAB,AS HCO3,MG/L	08/14/82-08/20/89	3	48.	52.333	63.	46.	86.333	9.292	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/20/89-08/20/89	1	-109.	-109.	-109.	-109.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/20/89-08/20/89	1	-13.8	-13.8	-13.8	-13.8	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: KATM0161

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	1	0.33	3	1	0.33									
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	3	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: KATM0162

NPS Station ID: KATM0162
LAT/LON: 58.670559/-155.422782
Agency: 112WRD
Date Created: 03/04/77
Location: BAY OF ISLANDS TR NR BROOKS CAMP AK
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 584014155252200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: KATM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/69-06/04/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/04/69-06/04/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/04/69-06/04/69	1	127.	127.	127.	127.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/04/69-06/04/69	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/04/69-06/04/69	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/04/69-06/04/69	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/04/69-06/04/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/04/69-06/04/69	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/04/69-06/04/69	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/04/69-06/04/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/04/69-06/04/69	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/04/69-06/04/69	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/04/69-06/04/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/04/69-06/04/69	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/04/69-06/04/69	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/04/69-06/04/69	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/04/69-06/04/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/04/69-06/04/69	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/04/69-06/04/69	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/04/69-06/04/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/04/69-06/04/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/04/69-06/04/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/04/69-06/04/69	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/04/69-06/04/69	1	78.	78.	78.	78.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/04/69-06/04/69	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/04/69-06/04/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	06/04/69-06/04/69	1	150.	150.	150.	150.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0162

				Total	Exceed	Prop.	7/20-10/14			10/15-2/19			2/20-5/09			5/10-7/19		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: KATM0162

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0163

NPS Station ID: KATM0163
LAT/LON: 59.007338/-155.426642
Agency: 11NPSWRD
Date Created: 03/13/99
Location: NONVIANUK LAKE
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_BCF_NON
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 192
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NONVIANUK LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. DATA FROM MULTIPLE SAMPLES WERE COMPOSITED INTO A SINGLE SAMPLE VALUE. DATA WERE COLLECTED BETWEEN JULY 1961 AND AUGUST 1962; MORE EXACT SAMPLE DATES WERE NOT GIVEN. LIMNOLOGICAL DATA COLLECTION WAS SUPERVISED BY WILBUR L. HARTMAN; BUREAU OF COMMERCIAL FISHERIES (AUKE BAY LABORATORY). RESULTS WERE SUMMARIZED IN A REPORT TITLED "BIOLOGICAL STUDIES AND ESTIMATES OF OPTIMUM ESCAPEMENTS OF SOCKEYE SALMON IN THE MAJOR RIVER SYSTEMS IN SOUTHWESTERN ALASKA" (BURGNER ET. AL. 1969). FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0163

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: KATM0164

NPS Station ID: KATM0164 LAT/LON: 59.009226/-155.433143 Agency: 11NPSWRD Date Created: 03/13/99
Location: NONVIANUK LAKE 1991 AND 1992 SAMPLING STATIONS FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_UAF_NL
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030206 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-7) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT NONVIANUK LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 31 JULY 1991 AND 5 AUGUST 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/91-08/05/92	22	11.75	11.264	12.2	8.9	1.094	1.046	9.19	10.725	12.1	12.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/31/91-08/05/92	2	10.	10.	11.	9.	2.	1.414	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	07/31/91-08/05/92	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/91-08/05/92	21	43.	42.333	47.	37.	11.033	3.322	37.	39.	45.	46.
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	07/31/91-08/05/92	2	27.5	27.5	32.	23.	40.5	6.364	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/31/91-08/05/92	21	9.8	10.081	11.	9.5	0.308	0.555	9.5	9.6	10.6	10.96
00406	PH, FIELD, STANDARD UNITS SU	07/31/91-08/05/92	21	7.1	7.095	7.2	6.9	0.002	0.05	7.1	7.1	7.1	7.1
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/91-08/05/92	21	7.1	7.092	7.2	6.9	0.002	0.05	7.1	7.1	7.1	7.1
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/91-08/05/92	21	0.079	0.081	0.126	0.063	0.	0.011	0.079	0.079	0.079	0.079
00440	BICARBONATE ION (MG/L AS HCO3)	07/31/91-08/05/92	2	12.	12.	12.	12.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/31/91-08/05/92	2	0.205	0.205	0.27	0.14	0.008	0.092	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/31/91-08/05/92	2	0.19	0.19	0.24	0.14	0.005	0.071	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	07/31/91-08/06/92	6 ##	47.5	47.5	50.	45.	7.5	2.739	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/91-08/05/92	2	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/31/91-08/05/92	2	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/31/91-08/06/92	6	4.55	4.517	4.6	4.4	0.01	0.098	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	07/31/91-08/06/92	6	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	07/31/91-08/06/92	6	2.	2.	2.	2.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	07/31/91-08/06/92	6 ##	0.5	0.408	0.5	0.15	0.022	0.15	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/91-08/05/92	2	1.85	1.85	3.	0.7	2.645	1.626	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/91-08/05/92	2 ##	1.	1.	2.	0.	2.	1.414	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	07/31/91-08/06/92	6 ##	35.	35.	50.	20.	270.	16.432	**	**	**	**

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

Parameter Inventory for Station: KATM0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	07/31/91-08/06/92	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	07/31/91-08/06/92	6 ##	3.	4.917	10.	2.5	10.442	3.231	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	07/31/91-08/06/92	6 ##	37.5	35.833	50.	20.	244.167	15.626	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	07/31/91-08/06/92	6 ##	70.	63.333	100.	20.	1666.667	40.825	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	07/31/91-08/06/92	6 ##	25.	25.	30.	20.	30.	5.477	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	07/31/91-08/06/92	6 ##	1.25	1.25	1.5	1.	0.075	0.274	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	07/31/91-08/06/92	6 ##	2.25	2.25	3.	1.5	0.675	0.822	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	07/31/91-08/06/92	6 ##	0.175	0.175	0.25	0.1	0.007	0.082	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	07/31/91-08/06/92	6 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	07/31/91-08/06/92	6	2.5	2.467	2.9	1.8	0.195	0.441	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	07/31/91-08/06/92	6 ##	10.	10.	15.	5.	30.	5.477	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	07/31/91-08/06/92	6 ##	4.5	4.5	5.	4.	0.3	0.548	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	07/31/91-08/06/92	6	16.	15.833	16.	15.	0.167	0.408	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	07/31/91-08/06/92	6 ##	1.75	1.75	2.5	1.	0.675	0.822	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	07/31/91-08/06/92	6 ##	17.5	17.5	25.	10.	67.5	8.216	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	07/31/91-08/06/92	6 ##	2.5	2.333	3.5	1.	1.667	1.291	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	07/31/91-08/06/92	6 ##	25.	25.	30.	20.	30.	5.477	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	07/31/91-08/06/92	6 ##	12.5	12.5	20.	5.	67.5	8.216	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	07/31/91-08/06/92	6 ##	2.25	2.25	3.5	1.	1.875	1.369	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	07/31/91-08/06/92	6 ##	1.	1.333	2.	1.	0.267	0.516	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	07/31/91-08/06/92	6 ##	3.75	3.75	5.	2.5	1.875	1.369	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	07/31/91-08/06/92	6 ##	1.5	1.5	2.	1.	0.3	0.548	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	07/31/91-08/06/92	6 ##	12.5	13.333	30.	5.	86.667	9.309	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	07/31/91-08/06/92	6 ##	32.5	32.5	45.	20.	187.5	13.693	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/05/92-08/05/92	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	07/31/91-08/06/92	6	1460.	1476.667	1600.	1400.	7746.667	88.015	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	07/31/91-08/05/92	2	0.173	0.173	0.202	0.144	0.002	0.041	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	07/31/91-08/06/92	6 ##	20.	25.	50.	20.	150.	12.247	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/31/91-08/05/92	2	0.95	0.95	1.5	0.4	0.605	0.778	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	21	0	0.00	21	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	21	0	0.00	21	0	0.00									
		Other-Lo Lim.	6.5	21	0	0.00	21	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	6	0	0.00	6	0	0.00									
		Drinking Water	50.	3 &	0	0.00	3	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	3 &	0	0.00	3	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	6	0	0.00	6	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	6	0	0.00	6	0	0.00									
		Drinking Water	4.	6	0	0.00	6	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	6	0	0.00	6	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	6	0	0.00	6	0	0.00									
		Drinking Water	100.	6	0	0.00	6	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	3 &	0	0.00	3	0	0.00									
		Drinking Water	100.	6	0	0.00	6	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	6	0	0.00	6	0	0.00									
		Drinking Water	5000.	6	0	0.00	6	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	6	0	0.00	6	0	0.00									
		Drinking Water	5.	6	0	0.00	6	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	6	0	0.00	6	0	0.00									
		Drinking Water	15.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	6	0	0.00	6	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	6	0	0.00	6	0	0.00									
		Drinking Water	1300.	6	0	0.00	6	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	6	0	0.00	6	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: KATM0165

NPS Station ID: KATM0165
LAT/LON: 59.149004/-155.444476
Agency: 11NPSWRD
Date Created: 03/13/99
Location: KUKAKLEK LAKE 1992 SAMPLING STATION
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_UAF_KK92
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-7) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT KUKAKLEK LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 5 AUGUST 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/92-08/05/92	10	11.25	11.15	11.4	10.5	0.087	0.295	10.53	11.025	11.4	11.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/05/92-08/05/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/05/92-08/05/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/92-08/05/92	10	46.	44.2	47.	38.	10.178	3.19	38.1	42.	46.	46.9
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/05/92-08/05/92	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/05/92-08/05/92	10	10.4	10.43	10.8	10.3	0.018	0.134	10.31	10.4	10.4	10.76
00406	PH, FIELD, STANDARD UNITS SU	08/05/92-08/05/92	10	7.5	7.48	7.5	7.4	0.002	0.042	7.4	7.475	7.5	7.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/05/92-08/05/92	10	7.5	7.478	7.5	7.4	0.002	0.042	7.4	7.475	7.5	7.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/92-08/05/92	10	0.032	0.033	0.04	0.032	0.	0.003	0.032	0.032	0.034	0.04
00440	BICARBONATE ION (MG/L AS HCO3)	08/05/92-08/05/92	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/02/92-08/02/92	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/02/92-08/02/92	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/05/92-08/05/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/92-08/02/92	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/02/92-08/02/92	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/05/92-08/05/92	3	3.4	3.467	3.6	3.4	0.013	0.115	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/05/92-08/05/92	3	0.8	0.767	0.8	0.7	0.003	0.058	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/05/92-08/05/92	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/05/92-08/05/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/92-08/05/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/92-08/05/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/05/92-08/05/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/05/92-08/05/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/05/92-08/05/92	3 ##	3.	4.	6.	3.	3.	1.732	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/05/92-08/05/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/05/92-08/05/92	3 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/05/92-08/05/92	3 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/05/92-08/05/92	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/05/92-08/05/92	3 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/05/92-08/05/92	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/05/92-08/05/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/05/92-08/05/92	3 ##	0.2	0.367	0.7	0.2	0.083	0.289	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/05/92-08/05/92	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/05/92-08/05/92	3 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/05/92-08/05/92	3	12.	12.333	13.	12.	0.333	0.577	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/05/92-08/05/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/05/92-08/05/92	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/05/92-08/05/92	3 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/05/92-08/05/92	3 ##	30.	43.333	70.	30.	533.333	23.094	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/05/92-08/05/92	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/05/92-08/05/92	3 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/05/92-08/05/92	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/05/92-08/05/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/05/92-08/05/92	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/05/92-08/05/92	3 ##	15.	33.333	70.	15.	1008.333	31.754	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/05/92-08/05/92	3 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/02/92-08/02/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/05/92-08/05/92	3	1300.	1300.	1400.	1200.	10000.	100.	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/05/92-08/05/92	1	0.151	0.151	0.151	0.151	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/05/92-08/05/92	3 ##	20.	26.667	40.	20.	133.333	11.547	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/05/92-08/05/92	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0165

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	10	0	0.00	10	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	10	0	0.00	10	0	0.00									
		Other-Lo Lim.	6.5	10	0	0.00	10	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	0 &	0	0.00												
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	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 Station: KATM0165

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0166

NPS Station ID: KATM0166 LAT/LON: 58.709254/-155.455199 Agency: 11NPSWRD Date Created: 03/13/99
Location: GROSVENOR LAKE WEST SAMPLING STATION FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_UAF_GL
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-4) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT GROSVENOR LAKE WEST INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/90-07/28/92	48	11.05	9.792	14.4	5.8	7.071	2.659	6.18	6.825	11.5	14.02
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/04/90-07/28/92	3	11.	10.267	12.	7.8	4.813	2.194	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/04/90-07/28/92	3 ##	0.	2.	6.	0.	12.	3.464	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/90-07/28/92	48	58.5	55.25	63.	38.	46.532	6.821	42.9	50.25	60.	61.1
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/04/90-07/28/92	3	23.	23.333	26.	21.	6.333	2.517	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/90-07/28/92	48	11.	10.979	12.3	9.9	0.424	0.651	10.	10.45	11.2	12.2
00406	PH, FIELD, STANDARD UNITS SU	08/04/90-07/28/92	48	7.5	7.517	7.7	7.3	0.015	0.123	7.4	7.4	7.6	7.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/04/90-07/28/92	48	7.5	7.5	7.7	7.3	0.015	0.124	7.4	7.4	7.6	7.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/90-07/28/92	48	0.032	0.032	0.05	0.02	0.	0.009	0.02	0.025	0.04	0.04
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/90-07/28/92	3	30.	30.	31.	29.	1.	1.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/04/91-07/28/92	2	0.215	0.215	0.28	0.15	0.008	0.092	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/04/91-07/28/92	2	0.215	0.215	0.28	0.15	0.008	0.092	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/04/90-07/28/92	9 ##	50.	65.	100.	45.	693.75	26.339	45.	45.	100.	100.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/90-07/28/92	3	0.005	0.004	0.005	0.002	0.	0.002	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/04/91-07/28/92	2	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/90-07/28/92	9	7.3	7.144	7.7	6.7	0.105	0.324	6.7	6.8	7.3	7.7
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/04/90-07/28/92	9	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/04/90-07/28/92	9	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/04/90-07/28/92	9 ##	0.4	0.433	0.7	0.25	0.019	0.139	0.25	0.325	0.5	0.7
00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/90-07/28/92	3	5.	5.633	11.	0.9	25.803	5.08	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/90-07/28/92	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/04/90-07/28/92	9 ##	20.	30.	50.	20.	225.	15.	20.	20.	50.	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 time series plot

Parameter Inventory for Station: KATM0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/04/90-07/28/92	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/04/90-07/28/92	9	38.	46.889	130.	10.	1529.861	39.113	10.	22.	67.	130.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/04/90-07/28/92	9 ##	40.	36.667	50.	20.	175.	13.229	20.	20.	50.	50.
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/04/90-07/28/92	9 ##	40.	53.333	100.	20.	1300.	36.056	20.	20.	100.	100.
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/04/90-07/28/92	9 ##	25.	25.	30.	20.	18.75	4.33	20.	20.	30.	30.
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/04/90-07/28/92	9 ##	1.5	1.333	1.5	1.	0.062	0.25	1.	1.	1.5	1.5
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/04/90-07/28/92	9 ##	2.	2.167	3.	1.5	0.438	0.661	1.5	1.5	3.	3.
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/04/90-07/28/92	9 ##	0.25	0.217	0.3	0.1	0.008	0.09	0.1	0.1	0.3	0.3
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/04/90-07/28/92	9 ##	10.	11.667	15.	10.	6.25	2.5	10.	10.	15.	15.
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/04/90-07/28/92	9	1.7	1.689	2.3	1.	0.116	0.341	1.	1.55	1.8	2.3
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/04/90-07/28/92	9 ##	5.	8.333	15.	5.	25.	5.	5.	5.	15.	15.
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/04/90-07/28/92	9 ##	5.	4.667	5.	4.	0.25	0.5	4.	4.	5.	5.
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/04/90-07/28/92	9	24.	23.889	25.	23.	0.861	0.928	23.	23.	25.	25.
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/04/90-07/28/92	9 ##	1.5	3.944	9.	1.	10.715	3.273	1.	1.25	7.	9.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/04/90-07/28/92	9 ##	15.	16.667	25.	10.	43.75	6.614	10.	10.	25.	25.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/04/90-07/28/92	9 ##	1.5	2.	3.5	1.	1.313	1.146	1.	1.	3.5	3.5
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/04/90-07/28/92	9 ##	20.	33.333	80.	20.	575.	23.979	20.	20.	50.	80.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/04/90-07/28/92	9 ##	5.	10.	20.	5.	56.25	7.5	5.	5.	20.	20.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/04/90-07/28/92	9 ##	1.5	2.	3.5	1.	1.313	1.146	1.	1.	3.5	3.5
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/04/90-07/28/92	9	2.	2.	3.	1.	0.75	0.866	1.	1.	3.	3.
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/04/90-07/28/92	9 ##	2.5	3.333	5.	2.5	1.563	1.25	2.5	2.5	5.	5.
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/04/90-07/28/92	9 ##	1.	1.333	2.	1.	0.25	0.5	1.	1.	2.	2.
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/04/91-07/28/92	6 ##	10.	12.5	30.	5.	97.5	9.874	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/04/90-07/28/92	9 ##	20.	28.333	45.	20.	156.25	12.5	20.	20.	45.	45.
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/04/90-07/28/92	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/04/90-07/28/92	9	3330.	3404.444	3720.	3290.	23727.778	154.038	3290.	3300.	3505.	3720.
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/04/90-07/28/92	3	0.2	0.199	0.219	0.179	0.	0.02	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/04/90-07/28/92	9 ##	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/04/90-07/28/92	3	0.6	0.867	1.4	0.6	0.213	0.462	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0166

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	48	0	0.00	48	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	48	0	0.00	48	0	0.00									
		Other-Lo Lim.	6.5	48	0	0.00	48	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	9	0	0.00	9	0	0.00									
		Drinking Water	50.	6 &	0	0.00	6	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	6 &	0	0.00	6	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	9	0	0.00	9	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	9	0	0.00	9	0	0.00									
		Drinking Water	4.	9	0	0.00	9	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	9	0	0.00	9	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	9	0	0.00	9	0	0.00									
		Drinking Water	100.	9	0	0.00	9	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	3 &	0	0.00	3	0	0.00									
		Drinking Water	100.	9	0	0.00	9	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	9	0	0.00	9	0	0.00									
		Drinking Water	5000.	9	0	0.00	9	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	9	0	0.00	9	0	0.00									
		Drinking Water	5.	9	0	0.00	9	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	9	0	0.00	9	0	0.00									
		Drinking Water	15.	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

EPA Water Quality Criteria Analysis for Station: KATM0166

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	9	0	0.00	9	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	9	0	0.00	9	0	0.00									
		Drinking Water	1300.	9	0	0.00	9	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	9	0	0.00	9	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	3	0	0.00	3	0	0.00									

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

Station Inventory for Station: KATM0167

NPS Station ID: KATM0167 | LAT/LON: 58.711837/-155.462005 | Agency: 11NPSWRD | Date Created: 03/27/99
Location: GROSVENOR LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_NPS_GRO
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT GROSVENOR LAKE AND IS LOCATED INSIDE THE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. DATA ARE FROM THE KATM WATER QUALITY DATA BASE AND WERE COLLECTED FROM 1994 THROUGH 1997 BY KATM STAFF AS PART OF AN ON GOING STUDY TO MONITOR WATER QUALITY OF THE 11 LARGE KATM LAKES. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0167

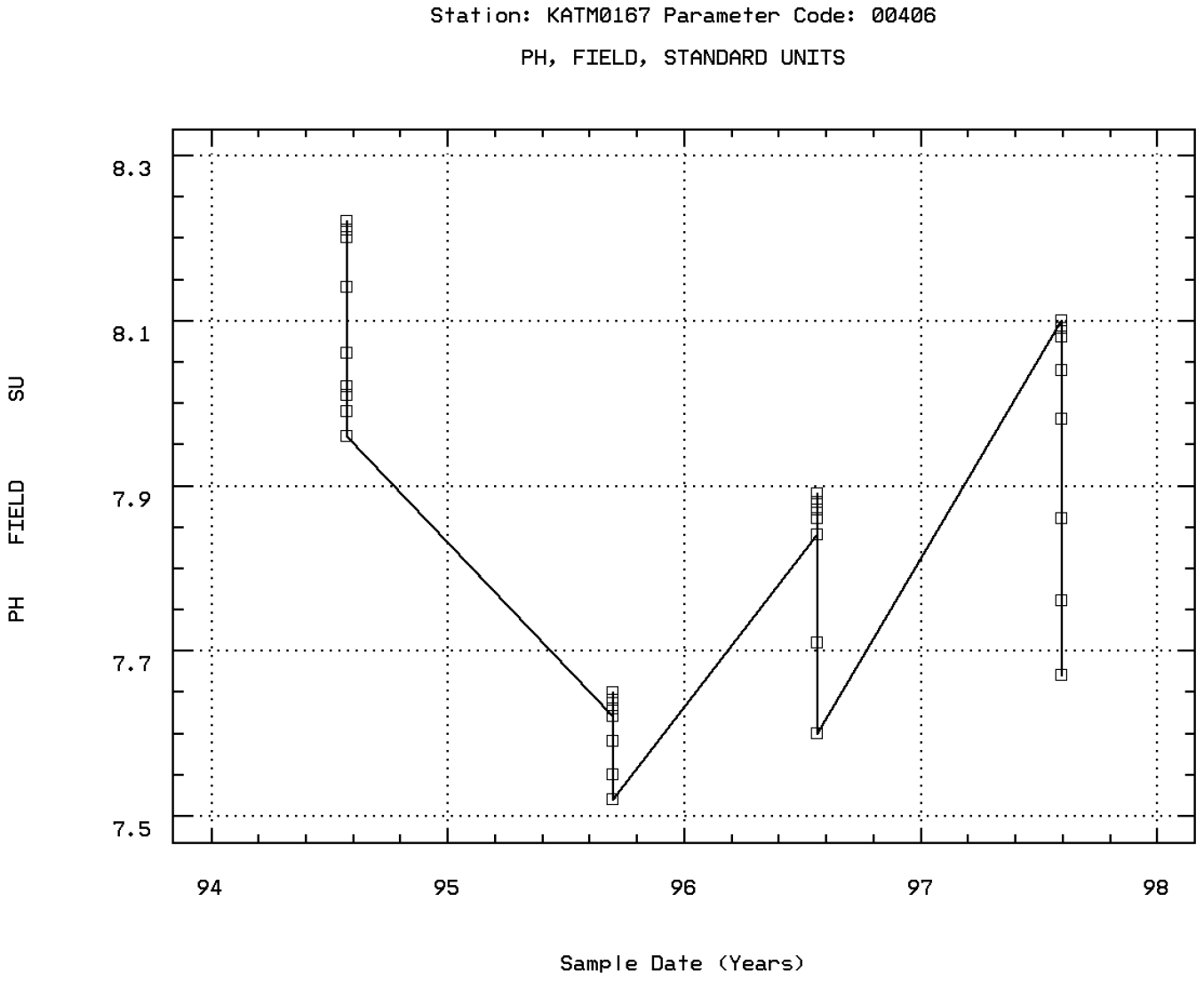
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	45	12.6	11.722	19.1	6.7	10.607	3.257	7.32	8.7	13.3	17.06
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-07/25/96	3	11.6	12.133	13.9	10.9	2.463	1.57	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-07/25/96	35	64.	63.714	66.	62.	2.622	1.619	62.	62.	66.	66.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-07/25/96	23	10.9	11.017	11.8	10.4	0.184	0.429	10.4	10.7	11.4	11.66
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-07/25/96	35	98.5	70.989	106.7	10.7	1864.22	43.177	11.44	12.4	103.1	105.3
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	45	7.88	7.883	8.22	7.52	0.048	0.219	7.612	7.645	8.08	8.21
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/05/97	45	7.88	7.831	8.22	7.52	0.051	0.225	7.612	7.645	8.08	8.21
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/05/97	45	0.013	0.015	0.03	0.006	0.	0.007	0.006	0.008	0.023	0.024
00480	SALINITY - PARTS PER THOUSAND	07/28/94-07/25/96	35 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

EPA Water Quality Criteria Analysis for Station: KATM0167

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	23	0	0.00	23	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	45	0	0.00	45	0	0.00									
		Other-Lo Lim.	6.5	45	0	0.00	45	0	0.00									

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



GROSVENOR LAKE

Annual Analysis for 1994 - Station KATM0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	12	10.15	10.225	12.8	7.2	5.817	2.412	7.26	7.65	12.7	12.77
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	12	8.17	8.121	8.22	7.96	0.011	0.104	7.969	8.012	8.21	8.22
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/05/97	12	8.169	8.109	8.22	7.96	0.011	0.105	7.969	8.012	8.21	8.22
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/05/97	12	0.007	0.008	0.011	0.006	0.	0.002	0.006	0.006	0.01	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 1995 - Station KATM0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	12	12.15	11.175	12.9	7.	4.409	2.1	7.33	9.2	12.775	12.87
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	12	7.63	7.615	7.65	7.52	0.002	0.041	7.529	7.598	7.64	7.65
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/05/97	12	7.63	7.613	7.65	7.52	0.002	0.041	7.529	7.597	7.64	7.65
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/05/97	12	0.023	0.024	0.03	0.022	0.	0.002	0.022	0.023	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 1996 - Station KATM0167

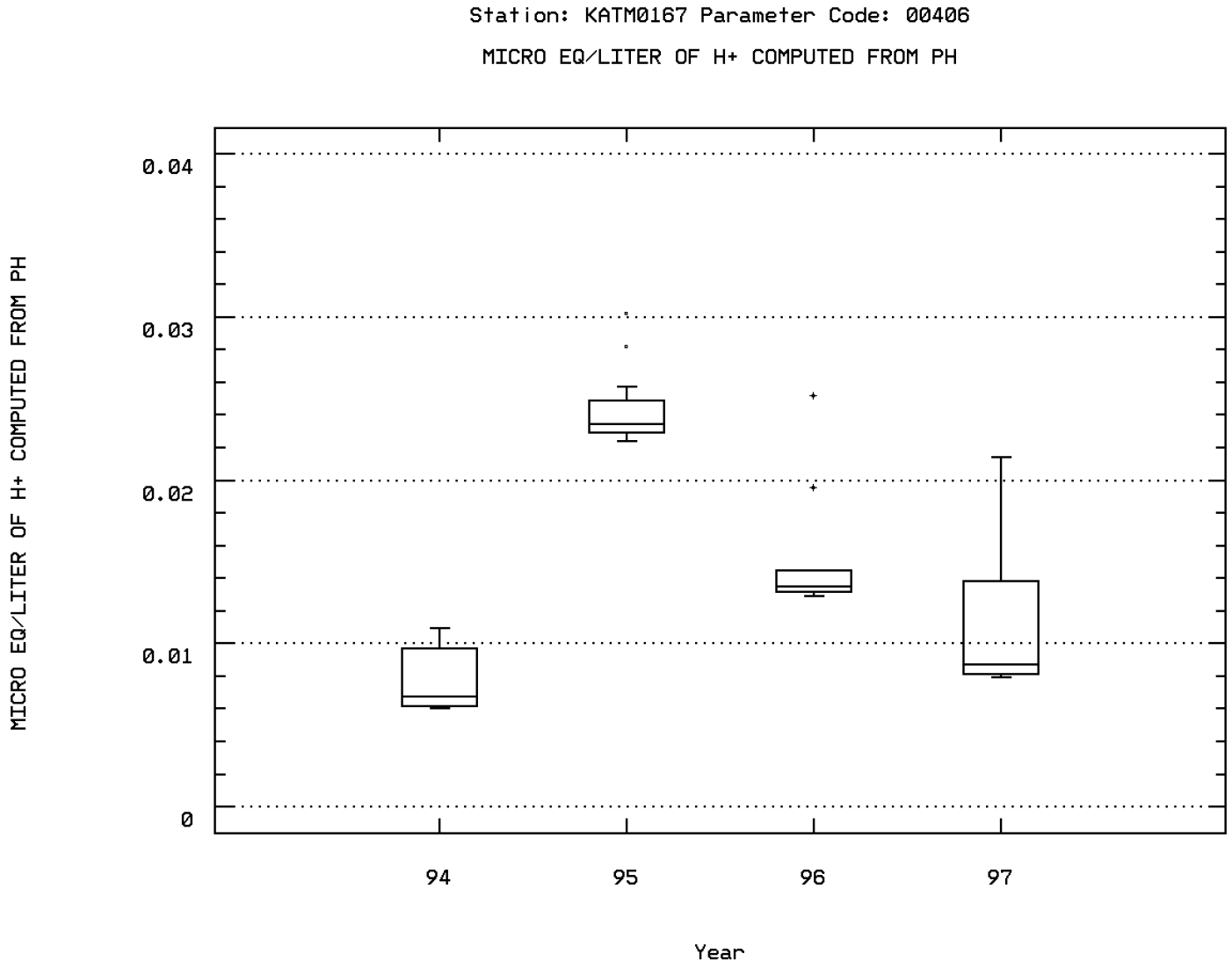
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	11	12.8	11.718	14.5	6.7	7.79	2.791	6.84	9.	13.8	14.38
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	11	7.87	7.832	7.89	7.6	0.008	0.092	7.622	7.84	7.88	7.89
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/05/97	11	7.87	7.822	7.89	7.6	0.009	0.093	7.622	7.84	7.88	7.89
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/05/97	11	0.013	0.015	0.025	0.013	0.	0.004	0.013	0.013	0.014	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 KATM0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	10	15.65	14.18	19.1	7.1	20.602	4.539	7.26	9.525	18.35	19.07
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	10	8.06	7.976	8.1	7.67	0.025	0.157	7.679	7.835	8.092	8.1
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/05/97	10	8.06	7.948	8.1	7.67	0.026	0.16	7.679	7.835	8.092	8.1
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/05/97	10	0.009	0.011	0.021	0.008	0.	0.005	0.008	0.008	0.015	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



GROSVENOR LAKE

Station Inventory for Station: KATM0168

NPS Station ID: KATM0168 LAT/LON: 58.719809/-155.492781 Agency: 11NPSWRD Date Created: 03/13/99
Location: GROSVENOR RIVER NEAR GROSVENOR LAKE LODGE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_USFW_GLL2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE GROSVENOR RIVER NEAR GROSVENOR LAKE LODGE DOWNSTREAM OF HYDROCARBON AND FUELING AREAS. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 16 SEPTEMBER 1996. RESULTS WERE SUMMARIZED IN A REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; 1997 INTERIM REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE; ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/16/96-09/16/96	3	16.99	17.44	19.03	16.3	2.015	1.42	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3	0.592	0.502	0.615	0.299	0.031	0.176	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	3 ##	0.31	0.433	0.69	0.3	0.049	0.222	**	**	**	**

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Parameter Inventory for Station: KATM0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.325	0.9	2.05	0.325	0.992	0.996	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	1.81	1.485	2.35	0.295	1.135	1.065	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	4.42	4.163	4.94	3.13	0.868	0.932	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	2.41	2.597	3.71	1.67	1.067	1.033	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	3.01	2.64	3.95	0.96	2.338	1.529	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	11.08	13.127	17.56	10.74	14.77	3.843	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	3.25	3.987	7.16	1.55	8.275	2.877	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	9.88	9.647	13.09	5.97	12.714	3.566	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	2.65	2.347	2.72	1.67	0.345	0.587	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	2.65	2.35	3.09	1.31	0.86	0.927	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.3	0.475	0.83	0.295	0.095	0.307	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	2.89	2.93	4.82	1.08	3.498	1.87	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	22.53	34.313	69.78	10.63	978.816	31.286	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	2.29	2.93	5.31	1.19	4.551	2.133	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	2.89	2.797	3.95	1.55	1.447	1.203	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	5.54	10.32	21.12	4.3	87.864	9.374	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	2.05	3.133	5.56	1.79	4.433	2.106	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	20.24	23.077	40.63	8.36	266.373	16.321	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	2.65	2.19	2.96	0.96	1.159	1.076	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	3.85	3.61	5.19	1.79	2.933	1.713	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	0.99	1.152	2.17	0.295	0.899	0.948	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	6.87	9.86	18.65	4.06	59.922	7.741	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	0.73	0.645	0.91	0.295	0.1	0.316	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	0.74	0.705	1.08	0.295	0.155	0.394	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/16/96-09/16/96	3 ##	0.3	0.302	0.31	0.295	0.	0.008	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.359	0.58	0.248	0.037	0.191	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	0.61	0.533	0.74	0.248	0.065	0.255	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.389	0.67	0.248	0.059	0.244	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.369	0.61	0.248	0.044	0.209	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	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 time series plot

Parameter Inventory for Station: KATM0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	1.5	1.216	1.9	0.248	0.743	0.862	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	4.6	8.433	17.1	3.6	56.583	7.522	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	0.8	0.949	1.8	0.248	0.619	0.787	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	16.8	18.9	32.9	7.	171.01	13.077	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	2.2	1.933	2.2	1.4	0.213	0.462	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	1.9	2.4	4.3	1.	2.91	1.706	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	5.7	8.067	15.1	3.4	38.423	6.199	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	2.7	3.267	5.8	1.3	5.303	2.303	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	2.4	2.4	3.9	0.9	2.25	1.5	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	18.7	28.033	56.5	8.9	631.773	25.135	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	3.2	2.967	4.2	1.5	1.863	1.365	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	2.2	1.8	2.4	0.8	0.76	0.872	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	0.6	0.583	0.9	0.248	0.107	0.327	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	2.4	2.3	3.2	1.3	0.91	0.954	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.732	1.7	0.248	0.702	0.838	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	3	2.841	2.588	3.132	1.792	0.497	0.705	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	2.3	2.133	2.6	1.5	0.323	0.569	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	3	2.409	1.972	3.211	0.296	2.268	1.506	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	2.	1.616	2.6	0.248	1.494	1.222	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	3	1.235	2.398	5.662	0.296	8.212	2.866	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	1.	1.983	4.7	0.248	5.68	2.383	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	4.5	3.733	5.3	1.4	4.243	2.06	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	3	5.558	4.538	6.385	1.673	6.33	2.516	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/16/96-09/16/96	3 ##	0.299	0.449	0.753	0.296	0.069	0.263	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/16/96-09/16/96	3 ##	0.299	0.301	0.308	0.296	0.	0.006	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/16/96-09/16/96	3	0.001	0.	0.001	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.3	0.445	0.74	0.295	0.065	0.255	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	2.2	1.933	2.5	1.1	0.543	0.737	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	8.2	7.933	10.6	5.	7.893	2.81	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	9.2	10.867	14.7	8.7	11.083	3.329	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	3.7	3.433	4.	2.6	0.543	0.737	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	2.	2.133	3.	1.4	0.653	0.808	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	1.7	2.567	4.5	1.5	2.813	1.677	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	2.5	2.167	3.2	0.8	1.523	1.234	**	**	**	**

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

Parameter Inventory for Station: KATM0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/16/96-09/16/96	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
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									

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

Station Inventory for Station: KATM0169

NPS Station ID: KATM0169 | LAT/LON: 58.719726/-155.493171 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: GROSVENOR RIVER NEAR GROSVENOR LAKE LODGE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_USFW_GLL3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE GROSVENOR RIVER NEAR GROSVENOR LAKE LODGE NEAR THE SUSPECTED SOURCE OF HYDROCARBON CONTAMINATION. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 16 SEPTEMBER 1996. RESULTS WERE SUMMARIZED IN A REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; 1997 INTERIM REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE; ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/16/96-09/16/96	4	22.635	21.748	25.05	16.67	12.825	3.581	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/16/96-09/16/96	4	0.615	0.552	0.645	0.333	0.022	0.148	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	4 ##	0.506	0.548	0.883	0.298	0.083	0.288	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	4 ##	0.608	0.681	1.19	0.32	0.183	0.428	**	**	**	**

** - Less than 9 observations ## - 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: KATM0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	4	0.775	0.72	1.03	0.3	0.105	0.324	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/16/96-09/16/96	4 ##	0.32	0.319	0.335	0.3	0.	0.014	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	4	0.88	0.793	1.09	0.32	0.12	0.347	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4 ##	0.325	0.325	0.325	0.325	0.	0.	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	1.155	1.113	1.82	0.32	0.444	0.666	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	5.52	5.593	6.27	5.06	0.289	0.538	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	3.62	3.655	4.44	2.94	0.667	0.817	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	4.23	12.463	38.69	2.7	306.275	17.501	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	44.285	45.195	55.37	36.84	65.265	8.079	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	7.18	7.005	7.61	6.05	0.479	0.692	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	29.73	37.473	71.11	19.32	527.67	22.971	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	6.98	7.475	9.34	6.6	1.579	1.256	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	8.08	8.227	9.07	7.68	0.386	0.622	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4 ##	0.32	0.423	0.75	0.3	0.048	0.219	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	18.995	18.768	21.37	15.71	7.956	2.821	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	113.725	134.365	226.03	83.98	4394.455	66.291	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	10.675	12.083	17.76	9.22	15.749	3.968	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	18.22	18.105	20.01	15.97	3.065	1.751	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	50.085	62.228	109.41	39.33	1036.668	32.197	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	21.88	21.465	25.1	17.	12.871	3.588	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	79.2	89.058	137.47	60.36	1322.392	36.365	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	11.205	11.473	13.74	9.74	3.152	1.775	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	23.98	23.103	26.02	18.43	13.348	3.654	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	5.15	5.35	6.69	4.41	1.168	1.081	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4 ##	0.32	0.319	0.335	0.3	0.	0.014	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4 ##	0.328	2.976	10.93	0.32	28.117	5.303	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4 ##	0.543	10.204	39.41	0.32	379.153	19.472	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4 ##	0.32	0.319	0.335	0.3	0.	0.014	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.319	0.335	0.3	0.	0.014	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.319	0.335	0.3	0.	0.014	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	57.74	69.285	116.75	44.91	1083.807	32.921	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	0.795	0.821	1.36	0.335	0.188	0.434	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4 ##	0.328	0.399	0.64	0.3	0.026	0.161	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	2.215	2.24	2.45	2.08	0.026	0.16	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4 ##	0.328	0.444	0.8	0.32	0.056	0.238	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4	0.735	0.935	1.62	0.65	0.211	0.459	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4 ##	0.32	0.319	0.335	0.3	0.	0.014	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4 ##	0.32	0.319	0.335	0.3	0.	0.014	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	4 ##	0.32	0.319	0.335	0.3	0.	0.014	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/16/96-09/16/96	4 ##	0.32	0.319	0.335	0.3	0.	0.014	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	0.59	0.555	0.79	0.248	0.056	0.237	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	0.68	0.632	0.92	0.247	0.08	0.283	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	0.7	0.622	0.84	0.247	0.08	0.283	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	0.615	0.652	1.13	0.249	0.138	0.372	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.326	0.56	0.247	0.024	0.156	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.249	2.464	9.11	0.247	19.633	4.431	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.415	8.479	32.84	0.248	263.774	16.241	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	0.56	0.743	1.35	0.5	0.165	0.407	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.249	0.354	0.67	0.247	0.044	0.211	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	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 time series plot

Parameter Inventory for Station: KATM0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	0.9	0.862	1.4	0.247	0.25	0.5	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	39.4	48.525	85.	30.3	613.543	24.77	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	4.1	4.2	5.2	3.4	0.88	0.938	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.249	0.311	0.5	0.248	0.016	0.126	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	61.95	69.3	106.8	46.5	750.847	27.402	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	5.45	5.825	7.	5.4	0.616	0.785	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	8.4	9.425	13.8	7.1	9.049	3.008	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	45.35	54.	90.7	34.6	635.78	25.215	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	5.7	5.475	5.8	4.7	0.269	0.519	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	14.95	14.65	16.6	12.1	3.87	1.967	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	88.9	104.525	175.6	64.7	2548.129	50.479	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	18.9	18.05	20.2	14.2	7.203	2.684	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	9.	8.95	10.3	7.5	1.37	1.17	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	1.75	1.75	1.9	1.6	0.017	0.129	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	14.65	14.15	15.	12.3	1.55	1.245	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.248	0.248	0.249	0.247	0.	0.001	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	4 ##	0.249	0.449	1.05	0.247	0.161	0.401	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	4 ##	0.328	0.558	1.26	0.318	0.219	0.468	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	4	0.7	0.64	0.91	0.249	0.086	0.293	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	4	0.905	0.809	1.092	0.333	0.123	0.35	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	4	0.836	0.851	1.051	0.682	0.024	0.154	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	4	0.66	0.665	0.81	0.53	0.013	0.115	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	4	0.74	0.674	0.97	0.247	0.1	0.316	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	4	0.972	0.856	1.164	0.318	0.147	0.383	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.328	0.441	0.792	0.318	0.055	0.234	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.249	0.351	0.66	0.247	0.042	0.206	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	4	7.167	7.05	7.56	6.307	0.367	0.606	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	5.45	5.525	6.3	4.9	0.416	0.645	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	4	2.908	2.961	3.869	2.16	0.492	0.702	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	2.25	2.3	2.9	1.8	0.207	0.455	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	4	13.165	12.976	15.189	10.384	5.698	2.387	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	10.35	10.125	11.8	8.	2.849	1.688	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	4	32.05	32.825	43.2	24.	71.123	8.433	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	4	40.857	42.118	55.606	31.153	132.382	11.506	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/16/96-09/16/96	4 ##	0.32	0.318	0.333	0.298	0.	0.015	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/16/96-09/16/96	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/16/96-09/16/96	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/16/96-09/16/96	4	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	4 ##	0.328	0.466	0.89	0.32	0.08	0.283	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	4	6.4	6.425	6.8	6.1	0.083	0.287	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	4	23.	28.85	53.3	16.1	276.597	16.631	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	4	34.25	35.175	41.5	30.7	24.263	4.926	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	4	4.4	4.375	4.8	3.9	0.196	0.443	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	4	2.8	2.875	3.7	2.2	0.549	0.741	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	4	17.25	16.775	19.5	13.1	7.209	2.685	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	4	3.	2.95	3.7	2.1	0.437	0.661	**	**	**	**

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

Parameter Inventory for Station: KATM0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/16/96-09/16/96	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/16/96-09/16/96	4 ##	0.3	0.313	0.35	0.3	0.001	0.025	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0169

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00	2	0	0.00									
		Drinking Water	700.	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: KATM0170

NPS Station ID: KATM0170 LAT/LON: 58.720531/-155.494810 Agency: 11NPSWRD Date Created: 03/13/99
Location: GROSVENOR RIVER NEAR GROSVENOR LAKE LODGE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_USFW_GLL1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE GROSVENOR RIVER NEAR GROSVENOR LAKE LODGE UPSTREAM OF HYDROCARBON AND FUELING AREAS. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 16 SEPTEMBER 1996. RESULTS WERE SUMMARIZED IN A REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; 1997 INTERIM REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE; ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/16/96-09/16/96	3	18.63	18.923	19.64	18.5	0.389	0.624	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.31	0.409	0.61	0.306	0.03	0.174	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**

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

Parameter Inventory for Station: KATM0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.325	0.325	0.325	0.325	0.	0.	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	2.82	2.877	3.07	2.74	0.03	0.172	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	1.62	1.647	1.72	1.6	0.004	0.064	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	2.49	2.467	2.7	2.21	0.06	0.246	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	24.95	25.767	28.83	23.52	7.549	2.748	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	5.16	4.937	5.6	4.05	0.638	0.799	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	23.89	23.683	25.69	21.47	4.484	2.118	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	4.67	4.647	4.85	4.42	0.047	0.216	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	5.6	5.673	6.14	5.28	0.189	0.435	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	0.63	0.632	0.96	0.305	0.107	0.328	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	17.21	15.757	17.3	12.76	6.737	2.596	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	132.53	142.307	170.83	123.56	630.301	25.106	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	11.18	10.487	11.57	8.71	2.405	1.551	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	12.27	12.863	14.5	11.82	2.06	1.435	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	32.27	34.513	42.4	28.87	49.54	7.038	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	13.81	14.96	19.29	11.78	15.092	3.885	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	87.61	99.947	128.3	83.93	606.319	24.624	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	7.72	7.69	7.87	7.48	0.039	0.197	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	12.02	12.653	14.62	11.32	3.023	1.739	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	7.12	7.2	7.72	6.76	0.235	0.485	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	42.56	44.607	53.71	37.55	68.428	8.272	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	0.83	0.87	1.02	0.76	0.018	0.135	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.305	0.41	0.62	0.305	0.033	0.182	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3	2.21	2.343	2.61	2.21	0.053	0.231	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	0.67	0.707	0.83	0.62	0.012	0.11	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	0.51	0.51	0.77	0.249	0.068	0.26	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**

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

Parameter Inventory for Station: KATM0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	26.3	28.	34.5	23.2	34.09	5.839	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	5.8	5.833	6.2	5.5	0.123	0.351	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.333	0.5	0.248	0.021	0.145	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	70.4	81.067	104.4	68.4	409.333	20.232	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	3.8	3.767	3.9	3.6	0.023	0.153	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	9.1	8.5	9.3	7.1	1.48	1.217	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	34.2	36.167	43.7	30.6	45.803	6.768	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	4.2	4.	4.5	3.3	0.39	0.624	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	13.9	12.767	14.	10.4	4.203	2.05	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	106.5	115.4	139.	100.7	426.13	20.643	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	9.8	10.267	11.9	9.1	2.123	1.457	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	6.2	6.233	6.4	6.1	0.023	0.153	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	1.8	1.9	2.1	1.8	0.03	0.173	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	10.	10.433	11.8	9.5	1.463	1.21	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.249	0.249	0.249	0.248	0.	0.001	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	3	3.687	3.62	4.107	3.067	0.273	0.523	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	3.	2.933	3.3	2.5	0.163	0.404	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	3	5.102	5.18	5.53	4.908	0.101	0.318	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	4.1	4.2	4.5	4.	0.07	0.265	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	3	14.684	15.128	16.222	14.479	0.908	0.953	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	11.8	12.267	13.2	11.8	0.653	0.808	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/16/96-09/16/96	3	29.3	31.3	36.	28.6	16.69	4.085	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	3	36.461	38.599	44.242	35.092	24.359	4.935	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/16/96-09/16/96	3 ##	0.306	0.307	0.31	0.305	0.	0.003	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/16/96-09/16/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/16/96-09/16/96	3 ##	0.305	0.307	0.31	0.305	0.	0.003	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	4.5	4.6	5.	4.3	0.13	0.361	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	19.2	19.2	20.9	17.5	2.89	1.7	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	20.3	20.9	23.5	18.9	5.56	2.358	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	2.3	2.333	2.5	2.2	0.023	0.153	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	1.3	1.333	1.4	1.3	0.003	0.058	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	11.1	12.133	15.7	9.6	10.103	3.179	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/16/96-09/16/96	3	2.	2.	2.2	1.8	0.04	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: KATM0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/16/96-09/16/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/16/96-09/16/96	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/16/96-09/16/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0170

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
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									

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

Station Inventory for Station: KATM0171

NPS Station ID: KATM0171 | LAT/LON: 59.031503/-155.504171 | Agency: 11NPSWRD | Date Created: 03/27/99
Location: NONVIANUK LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_NPS_NON
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT NONVIANUK LAKE AND IS LOCATED INSIDE THE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. DATA ARE FROM THE KATM WATER QUALITY DATA BASE AND WERE COLLECTED FROM 1994 THROUGH 1997 BY KATM STAFF AS PART OF AN ON GOING STUDY TO MONITOR WATER QUALITY OF THE 11 LARGE KATM LAKES. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0171

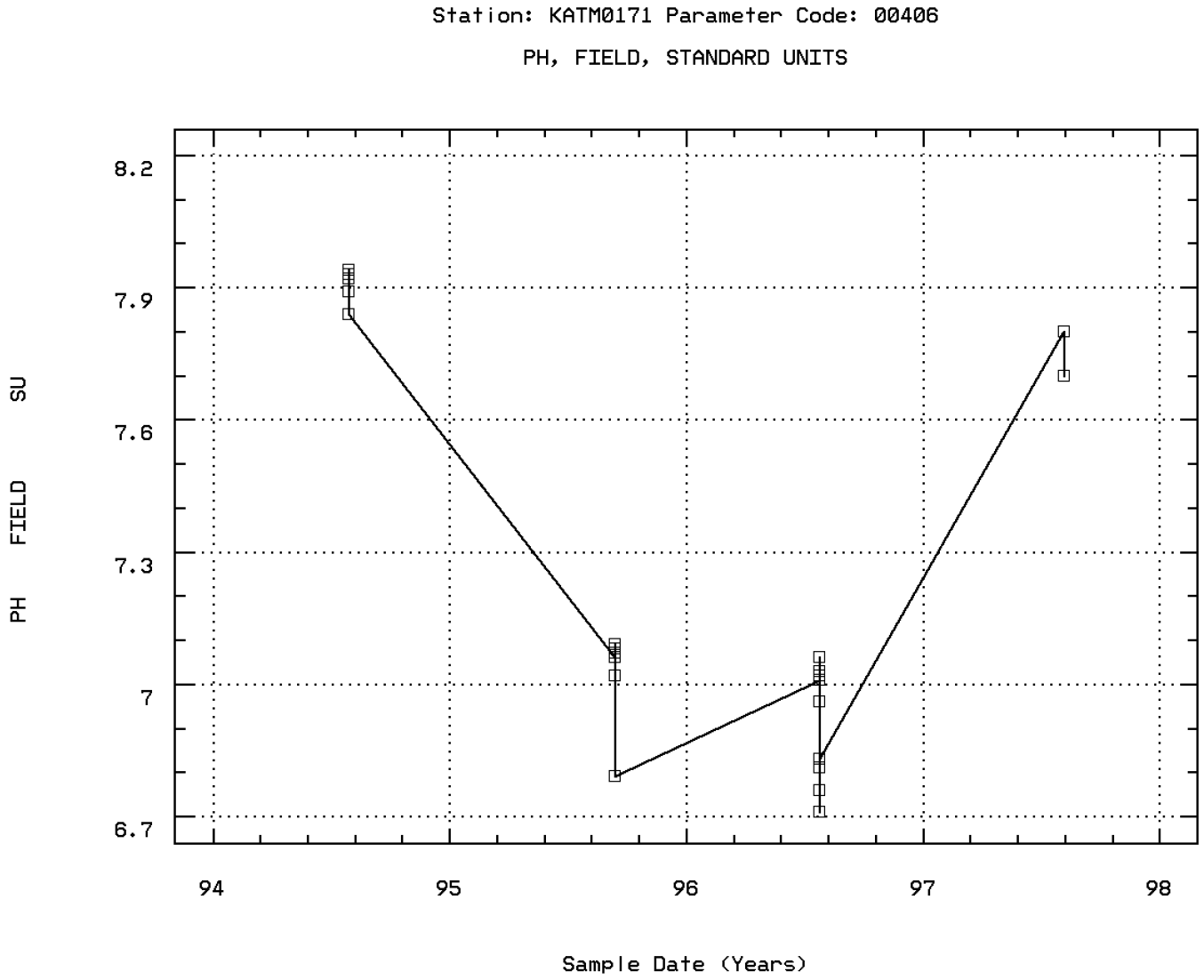
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	31	13.2	13.484	17.5	10.4	3.091	1.758	12.3	12.3	13.4	16.58
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-07/25/96	3	14.7	13.267	15.1	10.	8.043	2.836	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-07/25/96	24	40.	40.833	42.	40.	1.014	1.007	40.	40.	42.	42.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-07/25/96	16	11.05	10.813	11.3	10.2	0.236	0.486	10.2	10.2	11.2	11.3
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-07/25/96	24	99.5	88.925	112.8	37.	733.757	27.088	43.45	57.775	110.1	111.55
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	31	7.07	7.317	7.94	6.71	0.202	0.45	6.79	7.01	7.8	7.928
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/05/97	31	7.07	7.13	7.94	6.71	0.238	0.488	6.79	7.01	7.8	7.928
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/05/97	31	0.085	0.074	0.195	0.011	0.003	0.058	0.012	0.016	0.098	0.162
00480	SALINITY - PARTS PER THOUSAND	07/28/94-07/25/96	24 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

EPA Water Quality Criteria Analysis for Station: KATM0171

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	16	0	0.00	16	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	31	0	0.00	31	0	0.00									
		Other-Lo Lim.	6.5	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



NONVIANUK LAKE

Station Inventory for Station: KATM0172

NPS Station ID: KATM0172 | LAT/LON: 58.735031/-155.539227 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: COVILLE LAKE EAST SAMPLING STATION | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UAF_CL
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT COVILLE LAKE EAST INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/90-07/27/92	31	14.4	12.719	16.2	7.2	10.256	3.203	7.9	9.2	15.2	16.08
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/90-07/27/92	3	6.	5.7	6.2	4.9	0.49	0.7	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/06/90-07/27/92	3	4.	7.	17.	0.	79.	8.888	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/90-07/27/92	31	59.	59.065	64.	53.	6.596	2.568	56.2	57.	61.	62.8
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/06/90-07/27/92	3	17.	16.	18.	13.	7.	2.646	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/06/90-07/27/92	31	9.9	9.955	10.7	9.4	0.107	0.326	9.6	9.8	10.	10.64
00406	PH, FIELD, STANDARD UNITS SU	08/06/90-07/27/92	31	7.4	7.374	7.6	7.2	0.013	0.112	7.2	7.3	7.5	7.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/06/90-07/27/92	31	7.4	7.36	7.6	7.2	0.013	0.113	7.2	7.3	7.5	7.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/90-07/27/92	31	0.04	0.044	0.063	0.025	0.	0.011	0.032	0.032	0.05	0.063
00440	BICARBONATE ION (MG/L AS HCO3)	08/06/90-07/27/92	3	29.	30.333	33.	29.	5.333	2.309	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/29/91-07/27/92	2	0.155	0.155	0.23	0.08	0.011	0.106	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	07/29/91-07/27/92	2	0.135	0.135	0.2	0.07	0.008	0.092	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/06/90-07/27/92	9 ##	45.	50.	100.	5.	1706.25	41.307	5.	5.	100.	100.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/90-07/27/92	3	0.012	0.011	0.013	0.008	0.	0.003	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/29/91-07/27/92	2	0.008	0.008	0.008	0.007	0.	0.001	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/06/90-07/27/92	9	6.9	6.733	7.5	6.1	0.22	0.469	6.1	6.2	7.	7.5
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/06/90-07/27/92	9	2.	1.667	2.	1.	0.25	0.5	1.	1.	2.	2.
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/06/90-07/27/92	9	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/06/90-07/27/92	9 ##	0.4	0.372	0.5	0.2	0.018	0.133	0.2	0.25	0.5	0.5
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/90-07/27/92	3	4.	2.967	4.	0.9	3.203	1.79	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/90-07/27/92	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/06/90-07/27/92	9 ##	20.	30.	50.	20.	225.	15.	20.	20.	50.	50.

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Parameter Inventory for Station: KATM0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/06/90-07/27/92	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/06/90-07/27/92	9	100.	164.111	630.	57.	33002.361	181.666	57.	75.5	170.	630.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/06/90-07/27/92	9 ##	20.	22.222	40.	5.	231.944	15.23	5.	5.	40.	40.
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/06/90-07/27/92	9 ##	40.	55.556	100.	20.	1177.778	34.319	20.	30.	100.	100.
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/06/90-07/27/92	9 ##	25.	25.	30.	20.	18.75	4.33	20.	20.	30.	30.
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/06/90-07/27/92	9 ##	1.5	1.667	3.	1.	0.625	0.791	1.	1.	2.25	3.
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/06/90-07/27/92	9 ##	2.	2.167	3.	1.5	0.438	0.661	1.5	1.5	3.	3.
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/06/90-07/27/92	9 ##	0.25	0.217	0.3	0.1	0.008	0.09	0.1	0.1	0.3	0.3
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/06/90-07/27/92	9 ##	10.	11.667	15.	10.	6.25	2.5	10.	10.	15.	15.
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/06/90-07/27/92	9	1.6	1.4	2.	1.	0.158	0.397	1.	1.	1.7	2.
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/06/90-07/27/92	9 ##	5.	8.333	15.	5.	25.	5.	5.	5.	15.	15.
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/06/90-07/27/92	9 ##	5.	4.667	5.	4.	0.25	0.5	4.	4.	5.	5.
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/06/90-07/27/92	9	25.	24.778	27.	23.	1.944	1.394	23.	23.5	26.	27.
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/06/90-07/27/92	9 ##	2.	3.056	10.	1.	8.153	2.855	1.	1.5	3.75	10.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/06/90-07/27/92	9 ##	15.	32.222	110.	10.	1344.444	36.667	10.	10.	52.5	110.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/06/90-07/27/92	9 ##	1.5	2.	3.5	1.	1.313	1.146	1.	1.	3.5	3.5
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/06/90-07/27/92	9 ##	35.	39.444	90.	20.	627.778	25.055	20.	20.	55.	90.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/06/90-07/27/92	9 ##	5.	10.	20.	5.	56.25	7.5	5.	5.	20.	20.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/06/90-07/27/92	9 ##	1.5	2.	3.5	1.	1.313	1.146	1.	1.	3.5	3.5
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/06/90-07/27/92	9	6.	5.889	8.	4.	2.361	1.537	4.	4.5	7.5	8.
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/06/90-07/27/92	9 ##	2.5	3.333	5.	2.5	1.563	1.25	2.5	2.5	5.	5.
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/06/90-07/27/92	9 ##	1.	1.333	2.	1.	0.25	0.5	1.	1.	2.	2.
01154	TUNGSTEN, TOTAL (UG/L AS W)	07/29/91-07/27/92	6 ##	12.5	10.833	15.	5.	24.167	4.916	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/06/90-07/27/92	9 ##	20.	28.333	45.	20.	156.25	12.5	20.	20.	45.	45.
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/06/90-07/27/92	2	1.2	1.2	1.8	0.6	0.72	0.849	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/06/90-07/27/92	9	3830.	3864.444	4350.	3400.	115577.778	339.967	3400.	3550.	4200.	4350.
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/06/90-07/27/92	3	0.274	0.294	0.349	0.26	0.002	0.048	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/06/90-07/27/92	9 ##	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/90-07/27/92	3	1.	1.167	1.7	0.8	0.223	0.473	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: KATM0172

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	31	0	0.00	31	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	31	0	0.00	31	0	0.00									
		Other-Lo Lim.	6.5	31	0	0.00	31	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	9	0	0.00	9	0	0.00									
		Drinking Water	50.	6 &	0	0.00	6	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	3 &	0	0.00	3	0	0.00									
		Drinking Water	50.	9	0	0.00	9	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	9	0	0.00	9	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	9	0	0.00	9	0	0.00									
		Drinking Water	4.	9	0	0.00	9	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	9	0	0.00	9	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	9	0	0.00	9	0	0.00									
		Drinking Water	100.	9	0	0.00	9	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	3 &	0	0.00	3	0	0.00									
		Drinking Water	100.	9	0	0.00	9	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	9	0	0.00	9	0	0.00									
		Drinking Water	5000.	9	0	0.00	9	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	9	0	0.00	9	0	0.00									
		Drinking Water	5.	9	0	0.00	9	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	9	1	0.11	9	1	0.11									
		Drinking Water	15.	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

EPA Water Quality Criteria Analysis for Station: KATM0172

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	9	0	0.00	9	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	9	0	0.00	9	0	0.00									
		Drinking Water	1300.	9	0	0.00	9	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	9	0	0.00	9	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	3	0	0.00	3	0	0.00									

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

Station Inventory for Station: KATM0173

NPS Station ID: KATM0173 | LAT/LON: 58.734338/-155.546838 | Agency: 11NPSWRD | Date Created: 03/27/99
Location: COVILLE LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_NPS_COV
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT COVILLE LAKE AND IS LOCATED INSIDE THE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. DATA ARE FROM THE KATM WATER QUALITY DATA BASE AND WERE COLLECTED FROM 1994 THROUGH 1997 BY KATM STAFF AS PART OF AN ON GOING STUDY TO MONITOR WATER QUALITY OF THE 11 LARGE KATM LAKES. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0173

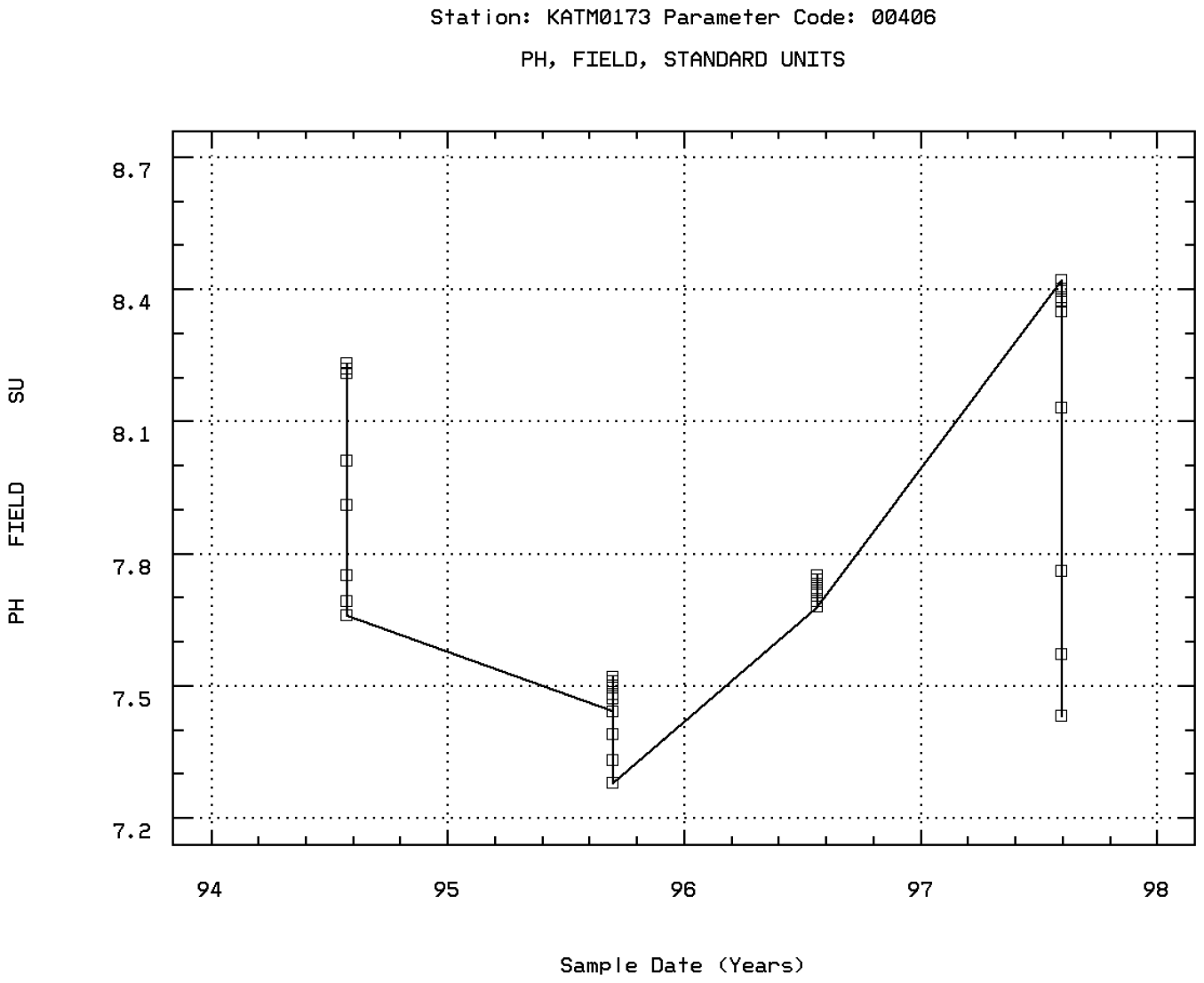
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	38	13.45	12.747	20.4	6.6	13.59	3.686	7.59	9.075	14.925	19.06
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-07/25/96	3	7.8	7.933	9.	7.	1.013	1.007	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-07/25/96	29	62.	62.483	66.	58.	6.759	2.6	60.	60.	65.	66.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-07/25/96	19	10.3	10.268	10.6	9.9	0.049	0.221	9.9	10.	10.4	10.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-07/25/96	29	93.6	70.772	104.1	18.3	1459.253	38.2	19.1	19.65	100.05	103.5
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	38	7.725	7.81	8.42	7.28	0.119	0.344	7.426	7.508	8.213	8.371
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/05/97	38	7.725	7.697	8.42	7.28	0.132	0.363	7.426	7.507	8.213	8.371
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/05/97	38	0.019	0.02	0.052	0.004	0.	0.013	0.004	0.006	0.031	0.038
00480	SALINITY - PARTS PER THOUSAND	07/28/94-07/25/96	29 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

EPA Water Quality Criteria Analysis for Station: KATM0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	19	0	0.00	19	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	38	0	0.00	38	0	0.00									
		Other-Lo Lim.	6.5	38	0	0.00	38	0	0.00									

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



COVILLE LAKE

Annual Analysis for 1994 - Station KATM0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	10	12.65	11.56	13.9	7.5	6.134	2.477	7.57	8.8	13.525	13.87
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	10	8.11	8.012	8.23	7.66	0.058	0.241	7.663	7.735	8.22	8.229
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/05/97	10	8.099	7.95	8.23	7.66	0.062	0.25	7.663	7.735	8.22	8.229
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/05/97	10	0.008	0.011	0.022	0.006	0.	0.006	0.006	0.006	0.018	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 1995 - Station KATM0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	10	13.2	11.74	13.8	7.6	6.68	2.585	7.64	8.6	13.7	13.79
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	10	7.475	7.442	7.52	7.28	0.007	0.082	7.285	7.375	7.503	7.519
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/05/97	10	7.475	7.435	7.52	7.28	0.007	0.083	7.285	7.375	7.503	7.519
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/05/97	10	0.033	0.037	0.052	0.03	0.	0.008	0.03	0.031	0.042	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 1996 - Station KATM0173

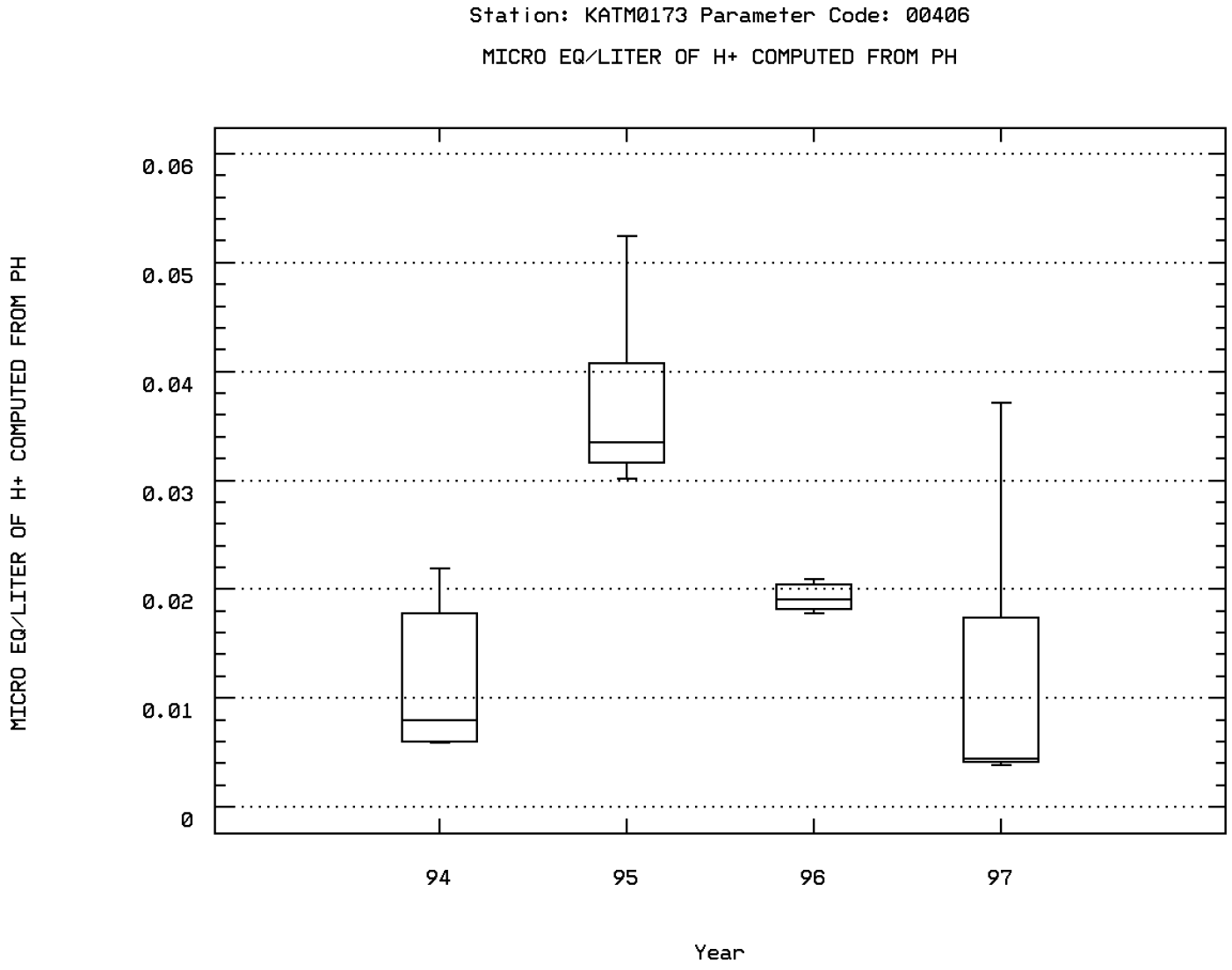
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	9	14.9	13.122	15.6	8.6	7.017	2.649	8.6	10.55	15.15	15.6
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	9	7.72	7.716	7.75	7.68	0.001	0.027	7.68	7.685	7.74	7.75
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/05/97	9	7.72	7.715	7.75	7.68	0.001	0.027	7.68	7.685	7.74	7.75
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/05/97	9	0.019	0.019	0.021	0.018	0.	0.001	0.018	0.018	0.021	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 KATM0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	9	18.6	14.811	20.4	6.6	33.439	5.783	6.6	8.3	19.65	20.4
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	9	8.35	8.09	8.42	7.43	0.156	0.396	7.43	7.665	8.39	8.42
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/05/97	9	8.35	7.915	8.42	7.43	0.191	0.437	7.43	7.665	8.39	8.42
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/05/97	9	0.004	0.012	0.037	0.004	0.	0.012	0.004	0.004	0.022	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



COVILLE LAKE

Station Inventory for Station: KATM0174

NPS Station ID: KATM0174 | LAT/LON: 58.485587/-155.576004 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: MARGOT CREEK | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_MC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT MARGOT CREEK INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	09/04/90-09/04/90	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/90-09/04/90	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/04/90-09/04/90	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/04/90-09/04/90	1	210.	210.	210.	210.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/90-09/04/90	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/04/90-09/04/90	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/04/90-09/04/90	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/90-09/04/90	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/04/90-09/04/90	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/04/90-09/04/90	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/04/90-09/04/90	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/04/90-09/04/90	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/04/90-09/04/90	2	14.15	14.15	14.3	14.	0.045	0.212	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	09/04/90-09/04/90	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	09/04/90-09/04/90	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	09/04/90-09/04/90	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/04/90-09/04/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/04/90-09/04/90	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/04/90-09/04/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	09/04/90-09/04/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/04/90-09/04/90	2	280.	280.	280.	280.	0.	0.	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	09/04/90-09/04/90	2 ##	40.	40.	40.	40.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/04/90-09/04/90	2 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	09/04/90-09/04/90	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	09/04/90-09/04/90	2	11.	11.	12.	10.	2.	1.414	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	09/04/90-09/04/90	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	09/04/90-09/04/90	2 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	09/04/90-09/04/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	09/04/90-09/04/90	2	2.35	2.35	2.4	2.3	0.005	0.071	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	09/04/90-09/04/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/04/90-09/04/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	09/04/90-09/04/90	2	38.	38.	38.	38.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/04/90-09/04/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	09/04/90-09/04/90	2	135.	135.	140.	130.	50.	7.071	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/04/90-09/04/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/04/90-09/04/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	09/04/90-09/04/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/04/90-09/04/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/04/90-09/04/90	2	12.5	12.5	13.	12.	0.5	0.707	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	09/04/90-09/04/90	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	09/04/90-09/04/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	09/04/90-09/04/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	09/04/90-09/04/90	2	6285.	6285.	6290.	6280.	50.	7.071	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	09/04/90-09/04/90	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	09/04/90-09/04/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0174

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: KATM0175

NPS Station ID: KATM0175
LAT/LON: 58.421670/-155.597227
Agency: 112WRD
Date Created: 03/04/77
Location: MARGOT C TR NR BROOKS CAMP AK
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 582518155355000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: KATM0175

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/69-06/06/69	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/06/69-06/06/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/06/69-06/06/69	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/06/69-06/06/69	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/06/69-06/06/69	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/69-06/06/69	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/06/69-06/06/69	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/69-06/06/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/06/69-06/06/69	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/06/69-06/06/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/06/69-06/06/69	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/06/69-06/06/69	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/06/69-06/06/69	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/06/69-06/06/69	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/69-06/06/69	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/06/69-06/06/69	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/06/69-06/06/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/06/69-06/06/69	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/06/69-06/06/69	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/06/69-06/06/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/06/69-06/06/69	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/06/69-06/06/69	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/06/69-06/06/69	1	14.	14.	14.	14.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/06/69-06/06/69	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/06/69-06/06/69	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/06/69-06/06/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	06/06/69-06/06/69	1	250.	250.	250.	250.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0175

			Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
	Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: KATM0175

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0176

NPS Station ID: KATM0176 | LAT/LON: 58.750670/-155.609338 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: COVILLE LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_BCF_COV
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 33 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-5) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT COVILLE LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. DATA FROM MULTIPLE SAMPLES WERE COMPOSITED INTO A SINGLE SAMPLE VALUE. DATA WERE COLLECTED BETWEEN JUNE 1961 AND OCTOBER 1962; MORE EXACT SAMPLE DATES WERE NOT GIVEN. LIMNOLOGICAL DATA COLLECTION WAS SUPERVISED BY WILBUR L. HARTMAN; BUREAU OF COMMERCIAL FISHERIES (AUKE BAY LABORATORY). RESULTS WERE SUMMARIZED IN A REPORT TITLED "BIOLOGICAL STUDIES AND ESTIMATES OF OPTIMUM ESCAPEMENTS OF SOCKEYE SALMON IN THE MAJOR RIVER SYSTEMS IN SOUTHWESTERN ALASKA" (BURGNER ET. AL. 1969). FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0176

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: KATM0177

NPS Station ID: KATM0177
LAT/LON: 58.755531/-155.616588
Agency: 11NPSWRD
Date Created: 03/13/99
Location: COVILLE LAKE
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_AMS_COV
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 33
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT COVILLE LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. THE VALUE UPLOADED TO STORET IS THE MEAN OF TWO SAMPLES; WHERE EACH SAMPLE IS THE MEAN OF TWO REPLICATES. DATA ARE SUMMARIZED IN A 1992 REPORT TITLED "A CHEMICAL SURVEY OF REMOTE LAKES OF THE ALAGNAK AND NAKNEK RIVER SYSTEMS; SOUTHWEST ALASKA; U.S.A." BY ANDREW J. GUNTHER (APPLIED MARINE SCIENCES INC.; LIVERMORE CA). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/02/86-08/02/86	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/02/86-08/02/86	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/86-08/02/86	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/86-08/02/86	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/86-08/02/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/86-08/02/86	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/02/86-08/02/86	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/02/86-08/02/86	1	3.22	3.22	3.22	3.22	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/02/86-08/02/86	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/86-08/02/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/86-08/02/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/02/86-08/02/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/02/86-08/02/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/02/86-08/02/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/02/86-08/02/86	1	0.95	0.95	0.95	0.95	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0177

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
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									
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									

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

Station Inventory for Station: KATM0178

NPS Station ID: KATM0178 | LAT/LON: 58.531977/-155.656282 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NAKNEK LAKE STATION B | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UMDF_NLB
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 10 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE BOUNDARIES OF KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS AT THE ILIUK ARM OF NAKNEK LAKE. DATA WERE COLLECTED AT THIS SITE ON 4 AUGUST 1957 AT THE SURFACE AND 13M. VALUES REPRESENT THE MEAN OF THE TWO SAMPLE DEPTHS. PARAMETERS WERE ASSUMED TO BE MEASURED AS TOTAL AND NITRITE WAS ASSUMED TO BE MEASURED AS NITROGEN. DATA ARE SUMMARIZED IN A 1960 REPORT BY CHARLES R. GOLDMAN TITLED "PRIMARY PRODUCTIVITY AND LIMITING FACTORS IN THREE LAKES OF THE ALASKA PENINSULA." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/57-08/04/57	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/57-08/04/57	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/57-08/04/57	1	71.	71.	71.	71.	0.	0.	**	**	**	**
01142	SILICON, TOTAL (UG/L AS SI)	08/04/57-08/04/57	1	11600.	11600.	11600.	11600.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0178

				Total	Exceed	Prop.	7/20-10/14			10/15-2/19			2/20-5/09			5/10-7/19		
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.	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: KATM0179

NPS Station ID: KATM0179 | LAT/LON: 57.957768/-155.038840 | Agency: 11NPSWRD | Date Created: 05/15/99
Location: ALASKAN PENINSULA; OFFSHORE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/OCEAN/SOLIDS | STORET Station ID(s): KATM_EV_02
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 19030203 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: E. SLOPE AK PENS.; KODIAK & AFOGNAK ISLS | ECO Region:
RF1 Index: 19030203 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KARLUCK (D-6) AK 1:63360 SCALE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SEDIMENT SAMPLE WAS TAKEN OFFSHORE OF THE ALASKAN PENINSULA AND OUTSIDE OF THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES. DATA ARE FROM THE "EXXON VALDEZ OIL SPILL (EVOS) RESEARCH AND RESTORATION INFORMATION PROJECT" 1994 CD-ROM. THE DATABASE PROVIDES DESCRIPTIONS OF PROJECTS FUNDED BY THE EVOS TRUSTEE COUNCIL; A SUMMARY OF THE METHODOLOGY AND OBJECTIVES; AND CONTACT INFORMATION FOR THE PROJECTS. THIS PUBLICATION WAS FUNDED BY THE EVOS TRUSTEE COUNCIL AND DEVELOPED BY THE ALASKA DEPT. OF NATURAL RESOURCES AND NOAA. ORIGINAL SOURCES OF THE DATABASES REPRESENT A COLLECTIVE EFFORT BY MANY AGENCIES. FOR INFORMATION CONTACT THE EXXON VALDEZ OIL SPILL RESTORATION OFFICE; 645 G STREET SUITE 401; ANCHORAGE AK 99501 (TEL. 907-278-8012).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.145	0.87	0.	0.126	0.355	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6	1.255	1.108	2.4	0.	0.914	0.956	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.002	0.01	0.	0.	0.004	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.005	0.03	0.1	0.	0.002	0.044	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.003	0.02	0.	0.	0.008	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.01	0.028	0.08	0.	0.001	0.037	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.138	0.5	0.	0.049	0.221	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.09	0.54	0.	0.049	0.22	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.043	0.26	0.	0.011	0.106	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.042	0.25	0.	0.01	0.102	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: KATM0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.007	0.04	0.	0.	0.016	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.323	1.94	0.	0.627	0.792	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.213	1.28	0.	0.273	0.523	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.138	0.83	0.	0.115	0.339	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.07	0.42	0.	0.029	0.171	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.165	0.99	0.	0.163	0.404	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.032	0.19	0.	0.006	0.078	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.018	0.11	0.	0.002	0.045	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	1.795	8.05	0.	10.574	3.252	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61255	BIPHENYL (DIPHENYL) IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.195	1.12	0.	0.206	0.454	**	**	**	**
61256	C1-FLUORANTHENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61257	C4-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.088	0.39	0.	0.025	0.158	**	**	**	**
61258	C3-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
61259	C2-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.097	0.58	0.	0.056	0.237	**	**	**	**
61260	C1-PHENANTHRENE IN SEDIMENT WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.292	1.24	0.	0.257	0.507	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.28	1.32	0.	0.28	0.529	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.6	3.6	0.	2.16	1.47	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	07/15/94-07/15/94	6 ##	0.	0.007	0.04	0.	0.	0.016	**	**	**	**

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

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

Station Inventory for Station: KATM0180

NPS Station ID: KATM0180 | LAT/LON: 58.825615/-155.685810 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: AMERICAN CREEK | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_AC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT AMERICAN CREEK INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/28/90-08/28/90	1	181.	181.	181.	181.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/90-08/28/90	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/28/90-08/28/90	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/28/90-08/28/90	1	530.	530.	530.	530.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/90-08/28/90	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/28/90-08/28/90	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/28/90-08/28/90	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/90-08/28/90	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/28/90-08/28/90	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/90-08/28/90	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/28/90-08/28/90	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/28/90-08/28/90	1	0.068	0.068	0.068	0.068	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/28/90-08/28/90	2	7.95	7.95	8.1	7.8	0.045	0.212	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/28/90-08/28/90	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/28/90-08/28/90	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/28/90-08/28/90	2 ##	0.225	0.225	0.25	0.2	0.001	0.035	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/90-08/28/90	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/90-08/28/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/28/90-08/28/90	2 ##	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/28/90-08/28/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/28/90-08/28/90	2	430.	430.	460.	400.	1800.	42.426	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/28/90-08/28/90	2 ##	37.5	37.5	40.	35.	12.5	3.536	**	**	**	**

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

Parameter Inventory for Station: KATM0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/28/90-08/28/90	2 ##	35.	35.	40.	30.	50.	7.071	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/28/90-08/28/90	2 ##	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/28/90-08/28/90	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/28/90-08/28/90	2 ##	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/28/90-08/28/90	2 ##	0.275	0.275	0.3	0.25	0.001	0.035	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/28/90-08/28/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/28/90-08/28/90	2	3.75	3.75	4.1	3.4	0.245	0.495	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/28/90-08/28/90	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/28/90-08/28/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/28/90-08/28/90	2	29.5	29.5	30.	29.	0.5	0.707	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/28/90-08/28/90	2 ##	3.25	3.25	5.	1.5	6.125	2.475	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/28/90-08/28/90	2	175.	175.	220.	130.	4050.	63.64	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/28/90-08/28/90	2 ##	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/28/90-08/28/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/28/90-08/28/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/28/90-08/28/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/28/90-08/28/90	2	27.	27.	28.	26.	2.	1.414	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/28/90-08/28/90	2 ##	2.75	2.75	3.	2.5	0.125	0.354	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/28/90-08/28/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/28/90-08/28/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/90-08/28/90	2	5785.	5785.	6070.	5500.	162450.	403.051	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	08/28/90-08/28/90	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/28/90-08/28/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/28/90-08/28/90	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0180

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0180

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
82079 TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0181

NPS Station ID: KATM0181 LAT/LON: 58.544448/-155.700005 Agency: 112WRD Date Created: 08/30/76
Location: ILIUK ARM NAKNEK LK NR BROOKS CAMP AK FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 583240155420000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: KATM0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/53-09/08/53	1	211.	211.	211.	211.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/08/53-09/08/53	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/08/53-09/08/53	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/08/53-09/08/53	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/08/53-09/08/53	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/08/53-09/08/53	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/08/53-09/08/53	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/08/53-09/08/53	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/08/53-09/08/53	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/08/53-09/08/53	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/08/53-09/08/53	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/08/53-09/08/53	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/08/53-09/08/53	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/08/53-09/08/53	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/08/53-09/08/53	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/08/53-09/08/53	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/08/53-09/08/53	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/08/53-09/08/53	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/08/53-09/08/53	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/08/53-09/08/53	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/08/53-09/08/53	1	101.	101.	101.	101.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/08/53-09/08/53	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/08/53-09/08/53	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/08/53-09/08/53	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: KATM0181

				Total	Exceed	Prop.	7/20-10/14			10/15-2/19			2/20-5/09			5/10-7/19		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	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: KATM0181

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0182

NPS Station ID: KATM0182 | LAT/LON: 59.024726/-155.714838 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: ALAGNAK RIVER | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_AR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030206 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030206 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ILIAMNA (A-8) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT THE ALAGNAK RIVER INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/90-09/03/90	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/03/90-09/03/90	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/03/90-09/03/90	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/03/90-09/03/90	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/03/90-09/03/90	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/90-09/03/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/03/90-09/03/90	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/90-09/03/90	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/03/90-09/03/90	2	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	09/03/90-09/03/90	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	09/03/90-09/03/90	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	09/03/90-09/03/90	2 ##	0.225	0.225	0.25	0.2	0.001	0.035	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/03/90-09/03/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/03/90-09/03/90	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/03/90-09/03/90	2 ##	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	09/03/90-09/03/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/03/90-09/03/90	2	113.	113.	140.	86.	1458.	38.184	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	09/03/90-09/03/90	2 ##	37.5	37.5	40.	35.	12.5	3.536	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/03/90-09/03/90	2 ##	35.	35.	40.	30.	50.	7.071	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	09/03/90-09/03/90	2 ##	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	09/03/90-09/03/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	09/03/90-09/03/90	2 ##	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**

** - Less than 9 observations ## - 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: KATM0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	09/03/90-09/03/90	2 ##	0.275	0.275	0.3	0.25	0.001	0.035	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	09/03/90-09/03/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	09/03/90-09/03/90	2	3.4	3.4	3.7	3.1	0.18	0.424	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	09/03/90-09/03/90	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/03/90-09/03/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	09/03/90-09/03/90	2	16.	16.	16.	16.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/03/90-09/03/90	2 ##	22.5	22.5	30.	15.	112.5	10.607	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	09/03/90-09/03/90	2 ##	62.5	62.5	110.	15.	4512.5	67.175	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/03/90-09/03/90	2 ##	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/03/90-09/03/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	09/03/90-09/03/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/03/90-09/03/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/03/90-09/03/90	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	09/03/90-09/03/90	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	09/03/90-09/03/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	09/03/90-09/03/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	09/03/90-09/03/90	2	1760.	1760.	1810.	1710.	5000.	70.711	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	09/03/90-09/03/90	1	1.08	1.08	1.08	1.08	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	09/03/90-09/03/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/03/90-09/03/90	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: KATM0182

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0183

NPS Station ID: KATM0183 | LAT/LON: 58.569031/-155.731532 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NAKNEK LAKE STATION A | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UMDF_NLA
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 10 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE BOUNDARIES OF KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS AT THE SOUTH ARM OF NAKNEK LAKE. DATA WERE COLLECTED AT THIS SITE ON 4 AUGUST 1957 AT THE SURFACE AND 13M. VALUES REPRESENT THE MEAN OF THE TWO SAMPLE DEPTHS. PARAMETERS WERE ASSUMED TO BE MEASURED AS TOTAL AND NITRITE WAS ASSUMED TO BE MEASURED AS NITROGEN. DATA ARE SUMMARIZED IN A 1960 REPORT BY CHARLES R. GOLDMAN TITLED "PRIMARY PRODUCTIVITY AND LIMITING FACTORS IN THREE LAKES OF THE ALASKA PENINSULA." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/04/57-08/04/57	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/57-08/04/57	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/57-08/04/57	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01142	SILICON, TOTAL (UG/L AS SI)	08/04/57-08/04/57	1	10900.	10900.	10900.	10900.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0183

				Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
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.	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: KATM0184

NPS Station ID: KATM0184
LAT/LON: 58.556671/-155.775005
Agency: 112WRD
Date Created: 03/04/77
Location: NAKNEK LK AT BROOKS CAMP AK
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 583324155463000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: KATM0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/69-06/07/69	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/07/69-06/07/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/69-06/07/69	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/07/69-06/07/69	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/07/69-06/07/69	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/69-06/07/69	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/07/69-06/07/69	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/69-06/07/69	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/07/69-06/07/69	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/07/69-06/07/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/07/69-06/07/69	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/07/69-06/07/69	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/07/69-06/07/69	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/07/69-06/07/69	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/07/69-06/07/69	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/07/69-06/07/69	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/07/69-06/07/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/07/69-06/07/69	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/07/69-06/07/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/07/69-06/07/69	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/07/69-06/07/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/07/69-06/07/69	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/07/69-06/07/69	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/07/69-06/07/69	1	67.	67.	67.	67.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/07/69-06/07/69	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/07/69-06/07/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	06/07/69-06/07/69	1	1380.	1380.	1380.	1380.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0184

			Total	Exceed	Prop.	7/20-10/14			10/15-2/19			2/20-5/09			5/10-7/19		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
	Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: KATM0184

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: KATM0185

NPS Station ID: KATM0185 LAT/LON: 58.553965/-155.773989 Agency: 11NPSWRD Date Created: 03/13/99
Location: BROOKS RIVER LESS THAN 100 YARDS FROM THE MOUTH FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_USFW_NLW1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT BROOKS RIVER LESS THAN 100 YARDS DOWNSTREAM OF THE MOUTH AND UPSTREAM OF A SUSPECTED SOURCE OF HYDROCARBON CONTAMINATION. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 12 AUGUST 1997. RESULTS WILL BE SUMMARIZED IN A FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; FINAL REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE (USFW); ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/12/97-08/12/97	3	21.5	21.	22.1	19.4	2.01	1.418	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.318	0.523	0.943	0.309	0.132	0.364	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3	1.1	151.936	454.	0.707	68432.185	261.595	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3	0.695	1.009	1.64	0.693	0.298	0.546	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	12.8	9.773	16.2	0.32	69.914	8.361	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	2.73	5.583	11.6	2.42	27.174	5.213	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	4.08	3.953	4.96	2.82	1.157	1.076	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	5.34	5.147	5.86	4.24	0.684	0.827	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	6.68	6.117	6.7	4.97	0.986	0.993	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	5.22	5.55	7.32	4.11	2.658	1.63	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	11.1	11.817	16.9	7.45	22.711	4.766	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	10.3	9.997	12.5	7.19	7.118	2.668	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	4.97	5.27	5.96	4.88	0.359	0.599	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	5.1	5.183	5.96	4.49	0.545	0.739	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	4.59	3.357	4.71	0.77	5.022	2.241	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	26.9	26.7	38.2	15.	134.59	11.601	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.35	3.133	5.73	0.32	7.352	2.712	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	7.01	6.447	7.07	5.26	1.057	1.028	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	12.2	12.723	16.6	9.37	13.274	3.643	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	6.16	6.247	6.62	5.96	0.115	0.338	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	22.6	24.2	28.	22.	10.92	3.305	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	5.73	5.64	6.7	4.49	1.227	1.108	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	8.19	7.587	8.54	6.03	1.848	1.359	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.27	1.653	2.82	0.87	1.061	1.03	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	19.1	20.933	25.9	17.8	18.923	4.35	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	0.91	144.847	433.	0.63	62274.277	249.548	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	2.11	1.617	2.42	0.32	1.285	1.134	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.61	1.69	2.31	1.15	0.341	0.584	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.315	0.315	0.32	0.31	0.	0.005	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.71	113.74	340.	0.51	38395.201	195.947	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.492	0.98	0.247	0.179	0.423	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**

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

Parameter Inventory for Station: KATM0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	59.832	179.	0.247	10650.759	103.203	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.2	4.367	9.	1.9	16.123	4.015	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	9.8	10.033	13.	7.3	8.163	2.857	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.	1.3	2.2	0.7	0.63	0.794	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.7	1.282	1.9	0.247	0.814	0.902	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	17.7	19.1	22.	17.6	6.31	2.512	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	3.9	4.167	4.8	3.8	0.303	0.551	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.7	2.482	4.5	0.247	4.558	2.135	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	15.4	16.533	20.3	13.9	11.203	3.347	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	8.7	9.367	13.6	5.8	15.543	3.943	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	3.7	2.667	3.7	0.6	3.203	1.79	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	21.7	21.133	30.	11.7	83.963	9.163	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	6.6	6.	6.7	4.7	1.27	1.127	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	4.5	4.467	5.4	3.5	0.903	0.95	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.3	1.333	1.8	0.9	0.203	0.451	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	5.5	5.1	5.7	4.1	0.76	0.872	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	10.3	7.749	12.7	0.247	43.65	6.607	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	0.95	0.725	0.976	0.249	0.17	0.412	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	1.21	0.916	1.22	0.317	0.269	0.518	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	1.41	1.149	1.72	0.317	0.543	0.737	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	1.1	0.913	1.39	0.249	0.352	0.593	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	0.862	0.777	1.22	0.249	0.241	0.491	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	1.07	0.986	1.57	0.317	0.398	0.631	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	6.21	6.287	6.62	6.03	0.091	0.302	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	5.	4.967	5.2	4.7	0.063	0.252	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	2.11	2.24	2.95	1.66	0.429	0.655	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.7	1.767	2.3	1.3	0.253	0.503	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	3.6	2.963	4.97	0.318	5.716	2.391	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.9	2.349	3.9	0.247	3.564	1.888	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	9.8	10.567	13.5	8.4	6.943	2.635	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	12.2	13.4	17.2	10.8	11.32	3.365	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.318	0.626	1.25	0.309	0.293	0.541	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.317	0.315	0.318	0.309	0.	0.005	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.054	0.161	0.	0.009	0.093	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.001	0.119	0.356	0.001	0.042	0.205	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.32	68.543	205.	0.31	13965.316	118.175	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	4.	4.1	4.8	3.5	0.43	0.656	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	8.3	7.9	9.8	5.6	4.53	2.128	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	4.1	4.4	5.9	3.2	1.89	1.375	**	**	**	**

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

Parameter Inventory for Station: KATM0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	3.2	3.133	4.	2.2	0.813	0.902	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	4.3	4.067	4.6	3.3	0.463	0.681	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	4.8	4.933	5.2	4.8	0.053	0.231	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	5.2	4.833	5.4	3.9	0.663	0.814	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/12/97-08/12/97	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/12/97-08/12/97	3 ##	0.3	76.2	228.	0.3	17282.43	131.463	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/12/97-08/12/97	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: KATM0185

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	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									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	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									

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

Station Inventory for Station: KATM0186

NPS Station ID: KATM0186 | LAT/LON: 58.558060/-155.775504 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NAKNEK LAKE NEAR BROOKS RIVER | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_USFW_NLW3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT NAKNEK LAKE DOWN-GRADIENT FROM AN OIL TANK FARM FACILITY; A SUSPECTED SOURCE OF HYDROCARBON CONTAMINATION. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 12 AUGUST 1997. RESULTS WILL BE SUMMARIZED IN A FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; FINAL REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE (USFW); ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/12/97-08/12/97	3	22.	19.7	22.4	14.7	18.79	4.335	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3	1.38	1.437	1.83	1.1	0.136	0.368	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.322	0.453	0.744	0.293	0.064	0.253	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3	2.6	2.583	2.86	2.29	0.081	0.285	**	**	**	**
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3	5.5	4.873	5.73	3.39	1.663	1.29	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	12.6	12.51	15.9	9.03	11.805	3.436	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	10.3	10.253	12.	8.46	3.135	1.77	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.75	4.333	5.51	3.74	1.038	1.019	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	6.33	6.737	8.08	5.8	1.424	1.193	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	7.39	7.73	9.36	6.44	2.218	1.489	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	5.67	6.227	7.5	5.51	1.222	1.106	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	13.5	13.12	16.5	9.36	12.853	3.585	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	6.15	6.073	6.32	5.75	0.086	0.293	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	4.12	4.413	5.13	3.99	0.389	0.624	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.28	3.533	4.23	3.09	0.373	0.611	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.68	1.663	1.79	1.52	0.018	0.136	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.61	3.79	4.36	3.4	0.255	0.505	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.79	1.83	2.06	1.64	0.045	0.213	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	2.71	3.	3.59	2.7	0.261	0.511	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.4	3.66	4.23	3.35	0.244	0.494	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	2.32	2.457	2.82	2.23	0.101	0.318	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.48	3.67	4.36	3.17	0.381	0.617	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.35	3.62	4.23	3.28	0.28	0.529	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.35	3.587	4.36	3.05	0.471	0.686	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.588	1.15	0.295	0.237	0.487	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.52	1.707	2.18	1.42	0.171	0.413	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	4.74	3.977	5.17	2.02	2.918	1.708	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	0.7	0.597	0.77	0.32	0.059	0.242	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.312	0.32	0.295	0.	0.014	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/12/97-08/12/97	3	2.27	2.023	2.36	1.44	0.257	0.507	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.22	2.077	2.23	1.78	0.066	0.257	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	4.47	3.93	4.69	2.63	1.28	1.131	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	3.7	3.227	4.41	1.57	2.184	1.478	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.35	0.55	0.249	0.03	0.173	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.84	1.633	1.94	1.12	0.2	0.447	**	**	**	**

** - Less than 9 observations ## - 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: KATM0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.05	3.79	7.5	1.82	10.336	3.215	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.343	0.53	0.25	0.026	0.162	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/12/97-08/12/97	3 ##	0.322	0.431	0.679	0.293	0.046	0.215	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	8.8	8.233	9.3	6.6	2.063	1.436	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.9	2.933	3.3	2.6	0.123	0.351	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.467	0.9	0.25	0.141	0.375	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.7	2.933	3.4	2.7	0.163	0.404	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	3.7	3.633	4.	3.2	0.163	0.404	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.4	1.467	1.6	1.4	0.013	0.115	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.3	1.367	1.7	1.1	0.093	0.306	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	10.5	10.633	14.1	7.3	11.573	3.402	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.3	1.333	1.4	1.3	0.003	0.058	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	29.	21.933	34.	2.8	280.813	16.757	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.6	2.867	3.4	2.6	0.213	0.462	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.8	2.9	3.3	2.6	0.13	0.361	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.6	0.483	0.6	0.25	0.041	0.202	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.3	2.4	2.8	2.1	0.13	0.361	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	9.8	9.933	12.3	7.7	5.303	2.303	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.25	0.25	0.249	0.	0.001	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	4.46	4.7	5.9	3.74	1.21	1.1	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	3.8	3.767	4.6	2.9	0.723	0.85	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	1.8	1.957	2.31	1.76	0.094	0.307	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.5	1.567	1.8	1.4	0.043	0.208	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	0.821	0.832	1.03	0.644	0.037	0.193	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.7	0.667	0.8	0.5	0.023	0.153	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.6	1.767	2.1	1.6	0.083	0.289	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	2.06	2.21	2.69	1.88	0.181	0.425	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.32	0.44	0.709	0.293	0.054	0.233	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.32	0.311	0.322	0.293	0.	0.016	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	2.41	2.08	2.77	1.06	0.813	0.901	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.8	2.833	3.3	2.4	0.203	0.451	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	4.9	4.867	4.9	4.8	0.003	0.058	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	4.4	5.033	6.4	4.3	1.403	1.185	**	**	**	**

** - 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

Parameter Inventory for Station: KATM0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	3.2	3.467	4.3	2.9	0.543	0.737	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	5.4	5.4	6.3	4.5	0.81	0.9	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.9	1.967	2.2	1.8	0.043	0.208	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	6.3	6.2	7.3	5.	1.33	1.153	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/12/97-08/12/97	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/12/97-08/12/97	3	2.3	1.9	2.4	1.	0.61	0.781	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/12/97-08/12/97	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0186

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	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									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	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									

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

Station Inventory for Station: KATM0187

NPS Station ID: KATM0187 LAT/LON: 58.560013/-155.774834 Agency: 11NPSWRD Date Created: 03/13/99
Location: NAKNEK LAKE NORTHWEST OF BROOKS RIVER FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_USFW_NLW2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT NAKNEK LAKE APPROXIMATELY 100 YARDS NORTHWEST OF A SUSPECTED SOURCE OF HYDROCARBON CONTAMINATION. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 12 AUGUST 1997. RESULTS WILL BE SUMMARIZED IN A FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; FINAL REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE (USFW); ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/12/97-08/12/97	3	18.9	20.067	23.5	17.8	9.143	3.024	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.306	0.451	0.745	0.303	0.065	0.254	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3	3.03	199.96	596.	0.85	117636.949	342.982	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3	2.35	4.04	8.4	1.37	14.497	3.808	**	**	**	**
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3	1.65	1.462	2.43	0.305	1.156	1.075	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3	1.59	4.727	11.1	1.49	30.467	5.52	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.305	6.77	19.7	0.305	125.389	11.198	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	13.6	18.767	32.3	10.4	139.923	11.829	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	7.77	24.227	58.1	6.81	860.782	29.339	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	10.2	32.323	77.4	9.37	1524.102	39.04	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	11.	30.713	71.4	9.74	1241.951	35.241	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	8.03	20.953	48.3	6.53	561.443	23.695	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	14.4	19.553	34.4	9.86	170.471	13.056	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	6.45	8.01	12.4	5.18	14.857	3.855	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	4.38	5.17	7.19	3.94	3.109	1.763	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.65	3.897	4.84	3.2	0.718	0.847	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.36	1.377	1.46	1.31	0.006	0.076	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.08	3.247	3.65	3.01	0.123	0.351	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.1	1.087	1.11	1.05	0.001	0.032	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	2.8	2.8	3.01	2.59	0.044	0.21	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.53	3.463	3.66	3.2	0.056	0.237	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	2.09	2.043	2.19	1.85	0.031	0.175	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.4	3.46	3.65	3.33	0.028	0.168	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.29	3.517	4.18	3.08	0.341	0.584	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.65	3.59	3.79	3.33	0.056	0.236	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	0.85	0.787	0.86	0.65	0.014	0.118	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.65	126.653	375.	1.31	46258.419	215.078	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	0.73	1.132	2.34	0.325	1.136	1.066	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.325	0.417	0.62	0.305	0.031	0.176	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.305	0.312	0.325	0.305	0.	0.012	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.305	1.647	4.33	0.305	5.4	2.324	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.36	1.156	1.86	0.248	0.681	0.825	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.93	3.153	6.42	1.11	8.171	2.859	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.31	3.667	8.48	1.21	17.379	4.169	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.79	103.95	308.	1.06	31228.05	176.715	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	1.269	3.31	0.248	3.124	1.768	**	**	**	**

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

Parameter Inventory for Station: KATM0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	114.	84.749	140.	0.248	5524.357	74.326	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.589	1.27	0.248	0.348	0.59	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/12/97-08/12/97	3 ##	0.306	0.756	1.66	0.303	0.613	0.783	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	11.2	15.533	27.	8.4	100.573	10.029	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.8	2.767	2.9	2.6	0.023	0.153	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.6	0.917	1.9	0.25	0.756	0.87	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.7	2.767	3.	2.6	0.043	0.208	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	3.6	4.1	5.5	3.2	1.51	1.229	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.9	0.867	0.9	0.8	0.003	0.058	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.7	0.633	0.7	0.5	0.013	0.115	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	11.8	15.367	26.3	8.	93.263	9.657	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.1	1.1	1.2	1.	0.01	0.1	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.5	2.6	3.	2.3	0.13	0.361	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.9	2.867	3.	2.7	0.023	0.153	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.7	2.8	3.2	2.5	0.13	0.361	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.333	0.5	0.249	0.021	0.145	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.3	2.233	2.3	2.1	0.013	0.115	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	5.199	15.1	0.248	73.522	8.575	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	4.26	5.133	7.32	3.82	3.635	1.906	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	3.5	4.067	5.6	3.1	1.803	1.343	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	1.83	2.147	2.88	1.73	0.406	0.637	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.5	1.7	2.2	1.4	0.19	0.436	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.327	0.413	0.608	0.306	0.029	0.169	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.333	0.5	0.248	0.021	0.145	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.1	1.133	1.3	1.	0.023	0.153	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	1.36	1.417	1.58	1.31	0.021	0.144	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.306	0.312	0.327	0.303	0.	0.013	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.001	0.065	0.194	0.001	0.012	0.112	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.002	0.164	0.49	0.001	0.08	0.282	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	1.82	79.537	236.	0.79	18360.846	135.502	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	3.	3.1	3.7	2.6	0.31	0.557	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	5.3	6.333	9.5	4.2	7.823	2.797	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	6.6	16.267	36.9	5.3	319.723	17.881	**	**	**	**

** - Less than 9 observations ## - 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: KATM0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	6.3	18.767	44.4	5.6	492.923	22.202	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	8.4	25.067	59.2	7.6	873.973	29.563	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.6	1.633	1.8	1.5	0.023	0.153	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	9.	23.833	54.6	7.9	710.243	26.65	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/12/97-08/12/97	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/12/97-08/12/97	3	1.8	47.033	139.	0.3	6343.963	79.649	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/12/97-08/12/97	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0187

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	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									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	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									

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

Station Inventory for Station: KATM0188

NPS Station ID: KATM0188 LAT/LON: 58.554662/-155.773255 Agency: 11NPSWRD Date Created: 03/13/99
Location: NAKNEK LAKE 300 FEET SOUTH OF BROOKS LODGE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_ARO_NL01
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NAKNEK LAKE 300 FEET SOUTH OF THE SOUTH SIDE OF BROOKS LODGE IN BROOKS CAMP. DATA WERE COLLECTED AT THIS SITE DURING 1995 THROUGH 1996 AS PART OF A REMEDIATION EFFORT NEAR BROOKS CAMP. DATA ARE SUMMARIZED IN A MARCH 1998 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "MONITORING WELL AND REMEDIATION WELL INSTALLATION; BROOKS CAMP; KATMAI NATIONAL PARK AND PRESERVE; ALASKA (PROJECT NUMBER 7022FZ-05)." FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/96	3 ##	0.	16.667	50.	0.	833.333	28.868	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	15.25	15.25	30.5	0.	465.125	21.567	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	15.25	15.25	30.5	0.	465.125	21.567	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	15.25	15.25	30.5	0.	465.125	21.567	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/96	2 ##	15.25	15.25	30.5	0.	465.125	21.567	**	**	**	**
49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/96	4 ##	4245.	4537.5	9660.	0.	19026691.667	4361.96	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	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: KATM0188

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	700.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: KATM0189

NPS Station ID: KATM0189 LAT/LON: 58.555001/-155.773905 Agency: 11NPSWRD Date Created: 03/13/99
Location: NAKNEK LAKE NEAR THE SOUTH SIDE OF BROOKS LODGE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_ARO_NL02
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NAKNEK LAKE NEAR THE SOUTH SIDE OF BROOKS LODGE IN BROOKS CAMP. DATA WERE COLLECTED AT THIS SITE DURING 1995 THROUGH 1997 AS PART OF A REMEDIATION EFFORT NEAR BROOKS CAMP. DATA ARE SUMMARIZED IN A MARCH 1998 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "MONITORING WELL AND REMEDIATION WELL INSTALLATION; BROOKS CAMP; KATMAI NATIONAL PARK AND PRESERVE; ALASKA (PROJECT NUMBER 7022FZ-05)." FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/97	4 ##	0.	12.25	49.	0.	600.25	24.5	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/97	3 ##	0.	8.667	26.	0.	225.333	15.011	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/97	5 ##	0.5	0.3	0.5	0.	0.075	0.274	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/97	3 ##	0.	8.667	26.	0.	225.333	15.011	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/97	3 ##	0.	8.667	26.	0.	225.333	15.011	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/97	3 ##	0.	8.667	26.	0.	225.333	15.011	**	**	**	**
49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/97	5 ##	2000.	5542.	18100.	0.	58988320.	7680.385	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/97	5 ##	0.5	0.3	0.5	0.	0.075	0.274	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/97	5 ##	0.5	0.3	0.5	0.	0.075	0.274	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/97	5 ##	0.5	0.3	0.5	0.	0.075	0.274	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: KATM0189

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	700.	5	0	0.00	3	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: KATM0190

NPS Station ID: KATM0190 LAT/LON: 58.556116/-155.774821 Agency: 11NPSWRD Date Created: 03/13/99
Location: NAKNEK LAKE 100 FEET NORTH OF THE VISITOR CENTER FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_ARO_NL03
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NAKNEK LAKE 100 FEET NORTH OF THE NORTH SIDE OF THE KATM VISITOR CENTER. DATA WERE COLLECTED AT THIS SITE DURING 1995 THROUGH 1997 AS PART OF A REMEDIATION EFFORT NEAR BROOKS CAMP. DATA ARE SUMMARIZED IN A MARCH 1998 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "MONITORING WELL AND REMEDIATION WELL INSTALLATION; BROOKS CAMP; KATMAI NATIONAL PARK AND PRESERVE; ALASKA (PROJECT NUMBER 7022FZ-05)." FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/97	4 ##	0.	12.5	50.	0.	625.	25.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/97	3 ##	0.	9.	27.	0.	243.	15.588	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/97	5 ##	0.5	0.3	0.5	0.	0.075	0.274	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/97	3 ##	0.	9.	27.	0.	243.	15.588	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/97	3 ##	0.	9.	27.	0.	243.	15.588	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/97	3 ##	0.	9.	27.	0.	243.	15.588	**	**	**	**
49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/97	5	6080.	9356.	21400.	0.	107435680.	10365.118	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/97	5 ##	0.5	0.3	0.5	0.	0.075	0.274	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/97	5 ##	0.5	0.3	0.5	0.	0.075	0.274	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/97	5 ##	0.5	0.3	0.5	0.	0.075	0.274	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: KATM0190

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	700.	5	0	0.00	3	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: KATM0191

NPS Station ID: KATM0191 LAT/LON: 58.558001/-155.775482 Agency: 11NPSWRD Date Created: 03/13/99
Location: NAKNEK LAKE IN FRONT OF GENERATOR BLD. PATH FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_ARO_NL05
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NAKNEK LAKE IN FRONT OF THE GENERATOR BUILDING PATH IN BROOKS CAMP. DATA WERE COLLECTED AT THIS SITE DURING 1995 THROUGH 1996 AS PART OF A REMEDIATION EFFORT NEAR BROOKS CAMP. DATA ARE SUMMARIZED IN A MARCH 1998 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "MONITORING WELL AND REMEDIATION WELL INSTALLATION; BROOKS CAMP; KATMAI NATIONAL PARK AND PRESERVE; ALASKA (PROJECT NUMBER 7022FZ-05)." FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/96	6 ##	0.	16.667	50.	0.	666.667	25.82	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	4 ##	13.5	13.625	27.5	0.	247.563	15.734	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/96	7 ##	0.5	0.357	0.5	0.	0.06	0.244	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	4 ##	13.5	13.625	27.5	0.	247.563	15.734	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/96	4 ##	13.5	13.625	27.5	0.	247.563	15.734	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/96	4 ##	13.5	13.625	27.5	0.	247.563	15.734	**	**	**	**
49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/96	7	18600.	27500.	67000.	0.	728210000.	26985.366	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	7 ##	0.5	0.357	0.5	0.	0.06	0.244	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	7 ##	0.5	0.8	1.6	0.5	0.263	0.513	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/96	7 ##	0.5	0.357	0.5	0.	0.06	0.244	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0191

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			
		Drinking Water	700.	7	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00			

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

Station Inventory for Station: KATM0192

NPS Station ID: KATM0192 LAT/LON: 58.558195/-155.775460 Agency: 11NPSWRD Date Created: 03/13/99
Location: NAKNEK LAKE 50 FT N. OF GENERATOR BLD. PATH FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_ARO_NL6S
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NAKNEK LAKE 25 FEET SOUTH OF STATION KATM_ARO_NL06. DATA WERE COLLECTED AT THIS SITE DURING 1997 AS PART OF A REMEDIATION EFFORT NEAR BROOKS CAMP. DATA ARE SUMMARIZED INA MARCH 1998 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "MONITORING WELL AND REMEDIATION WELL INSTALLATION; BROOKS CAMP; KATMAI NATIONAL PARK AND PRESERVE; ALASKA (PROJECT NUMBER 7022FZ-05)." FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	09/15/97-09/15/97	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: KATM0192

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
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									

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

Station Inventory for Station: KATM0193

NPS Station ID: KATM0193 LAT/LON: 58.558830/-155.775309 Agency: 11NPSWRD Date Created: 03/13/99
Location: NAKNEK LAKE 200FT N. OF GENERATOR BLD. PATH FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_ARO_NL07
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NAKNEK LAKE 300 FEET NORTH OF THE GENERATOR BUILDING PATH IN BROOKS CAMP. DATA WERE COLLECTED AT THIS SITE DURING 1995 THROUGH 1996 AS PART OF A REMEDIATION EFFORT NEAR BROOKS CAMP. DATA ARE SUMMARIZED IN A MARCH 1998 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "MONITORING WELL AND REMEDIATION WELL INSTALLATION; BROOKS CAMP; KATMAI NATIONAL PARK AND PRESERVE; ALASKA (PROJECT NUMBER 7022FZ-05)." FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/96	3 ##	0.	16.667	50.	0.	833.333	28.868	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	13.25	13.25	26.5	0.	351.125	18.738	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	13.25	13.25	26.5	0.	351.125	18.738	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	13.25	13.25	26.5	0.	351.125	18.738	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/96	2 ##	13.25	13.25	26.5	0.	351.125	18.738	**	**	**	**
49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/96	4 ##	3995.	3837.5	7360.	0.	11714691.667	3422.673	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	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: KATM0193

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	700.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: KATM0194

NPS Station ID: KATM0194
LAT/LON: 58.557837/-155.775463
Agency: 11NPSWRD
Date Created: 03/13/99
Location: NAKNEK LAKE 75FT S. OF GENERATOR BLD.
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_ARO_NL04
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NAKNEK LAKE 75 FEET SOUTH OF THE GENERATOR BUILDING IN BROOKS CAMP. DATA WERE COLLECTED AT THIS SITE DURING 1995 THROUGH 1996 AS PART OF A REMEDIATION EFFORT NEAR BROOKS CAMP. DATA ARE SUMMARIZED IN A MARCH 1998 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "MONITORING WELL AND REMEDIATION WELL INSTALLATION; BROOKS CAMP; KATMAI NATIONAL PARK AND PRESERVE; ALASKA (PROJECT NUMBER 7022FZ-05)." FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/96	3 ##	0.	16.667	50.	0.	833.333	28.868	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	15.25	15.25	30.5	0.	465.125	21.567	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	15.25	15.25	30.5	0.	465.125	21.567	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	15.25	15.25	30.5	0.	465.125	21.567	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/96	2 ##	15.25	15.25	30.5	0.	465.125	21.567	**	**	**	**
49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/96	4	19250.	19300.	38700.	0.	287620000.	16959.363	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	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: KATM0194

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	700.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: KATM0195

NPS Station ID: KATM0195 | LAT/LON: 58.557450/-155.775339 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NAKNEK LAKE 250FT S. OF THE GENERATOR BUILDING | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_ARO_NL4E
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NAKNEK LAKE 250 FEET SOUTH OF STATION KATM_ARO_NL04. DATA WERE COLLECTED AT THIS SITE DURING 1997 AS PART OF A REMEDIATION EFFORT NEAR BROOKS CAMP. DATA ARE SUMMARIZED INA MARCH 1998 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "MONITORING WELL AND REMEDIATION WELL INSTALLATION; BROOKS CAMP; KATMAI NATIONAL PARK AND PRESERVE; ALASKA (PROJECT NUMBER 7022FZ-05)." FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	09/15/97-09/15/97	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: KATM0195

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
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									

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

Station Inventory for Station: KATM0196

NPS Station ID: KATM0196 LAT/LON: 58.558495/-155.775391 Agency: 11NPSWRD Date Created: 03/13/99
Location: NAKNEK LAKE 150FT N. OF GENERATOR BLD. PATH FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_ARO_NL7S
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NAKNEK LAKE 50 FEET SOUTH OF STATION KATM_ARO_NL07. DATA WERE COLLECTED AT THIS SITE DURING 1997 AS PART OF A REMEDIATION EFFORT NEAR BROOKS CAMP. DATA ARE SUMMARIZED INA MARCH 1998 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "MONITORING WELL AND REMEDIATION WELL INSTALLATION; BROOKS CAMP; KATMAI NATIONAL PARK AND PRESERVE; ALASKA (PROJECT NUMBER 7022FZ-05)." FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	09/15/97-09/15/97	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: KATM0196

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
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									

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

Station Inventory for Station: KATM0197

NPS Station ID: KATM0197 LAT/LON: 58.558239/-155.775441 Agency: 11NPSWRD Date Created: 03/13/99
Location: NAKNEK LAKE 75FT N. OF GENERATOR BLD. PATH FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_ARO_NL06
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NAKNEK LAKE 75 FEET NORTH OF THE GENERATOR BUILDING PATH IN BROOKS CAMP. DATA WERE COLLECTED AT THIS SITE DURING 1995 THROUGH 1996 AS PART OF A REMEDIATION EFFORT NEAR BROOKS CAMP. DATA ARE SUMMARIZED IN A MARCH 1998 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "MONITORING WELL AND REMEDIATION WELL INSTALLATION; BROOKS CAMP; KATMAI NATIONAL PARK AND PRESERVE; ALASKA (PROJECT NUMBER 7022FZ-05)." FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/96	3 ##	0.	45.333	136.	0.	6165.333	78.52	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	13.	13.	26.	0.	338.	18.385	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	13.	13.	26.	0.	338.	18.385	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	13.7	13.7	26.	1.4	302.58	17.395	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/96	2 ##	13.	13.	26.	0.	338.	18.385	**	**	**	**
49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/96	4	12040.	13521.5	30000.	6.	167971529.	12960.383	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	4 ##	0.5	0.725	1.4	0.5	0.203	0.45	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	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: KATM0197

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	700.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: KATM0198

NPS Station ID: KATM0198 LAT/LON: 58.557755/-155.775469 Agency: 11NPSWRD Date Created: 03/13/99
Location: NAKNEK LAKE 100 FT S. OF GENERATOR BLD. FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_ARO_NL4S
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NAKNEK LAKE 25 FEET SOUTH OF STATION KATM_ARO_NL04. DATA WERE COLLECTED AT THIS SITE DURING 1997 AS PART OF A REMEDIATION EFFORT NEAR BROOKS CAMP. DATA ARE SUMMARIZED INA MARCH 1998 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "MONITORING WELL AND REMEDIATION WELL INSTALLATION; BROOKS CAMP; KATMAI NATIONAL PARK AND PRESERVE; ALASKA (PROJECT NUMBER 7022FZ-05)." FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/15/97-09/15/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	09/15/97-09/15/97	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: KATM0198

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
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									

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

Station Inventory for Station: KATM0199

NPS Station ID: KATM0199 LAT/LON: 58.559378/-155.775049 Agency: 11NPSWRD Date Created: 03/13/99
Location: NAKNEK LAKE 400 FT N. OF GENERATOR BLD. PATH FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_ARO_NL08
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NAKNEK LAKE 400 FEET NORTH OF THE GENERATOR BUILDING PATH IN BROOKS CAMP. DATA WERE COLLECTED AT THIS SITE DURING 1995 THROUGH 1996 AS PART OF A REMEDIATION EFFORT NEAR BROOKS CAMP. DATA ARE SUMMARIZED IN A MARCH 1998 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "MONITORING WELL AND REMEDIATION WELL INSTALLATION; BROOKS CAMP; KATMAI NATIONAL PARK AND PRESERVE; ALASKA (PROJECT NUMBER 7022FZ-05)." FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596 (TEL. 970-225-3516).

Parameter Inventory for Station: KATM0199

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04585	DIESEL RANGE ORGANICS, TOTAL, WATER UG/L	08/15/95-09/15/96	3 ##	0.	16.5	49.5	0.	816.75	28.579	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	12.25	12.25	24.5	0.	300.125	17.324	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	12.25	12.25	24.5	0.	300.125	17.324	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	05/08/96-09/15/96	2 ##	12.25	12.25	24.5	0.	300.125	17.324	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	05/08/96-09/15/96	2 ##	12.25	12.25	24.5	0.	300.125	17.324	**	**	**	**
49897	DIESEL-RANGE-ORGANICS AS DIESEL (SOIL),TOTLDFUG/KG	08/15/95-09/15/96	3	5650.	3993.333	6330.	0.	12075633.333	3475.001	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	0.25	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/15/95-09/15/96	4 ##	0.5	0.375	0.5	0.	0.063	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: KATM0199

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	700.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: KATM0200

NPS Station ID: KATM0200 | LAT/LON: 58.656559/-155.784310 | Agency: 11NPSWRD | Date Created: 03/27/99
Location: NAKNEK LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_NPS_NAK
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT NAKNEK LAKE AND IS LOCATED INSIDE THE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. DATA ARE FROM THE KATM WATER QUALITY DATA BASE AND WERE COLLECTED FROM 1994 THROUGH 1997 BY KATM STAFF AS PART OF AN ON GOING STUDY TO MONITOR WATER QUALITY OF THE 11 LARGE KATM LAKES. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0200

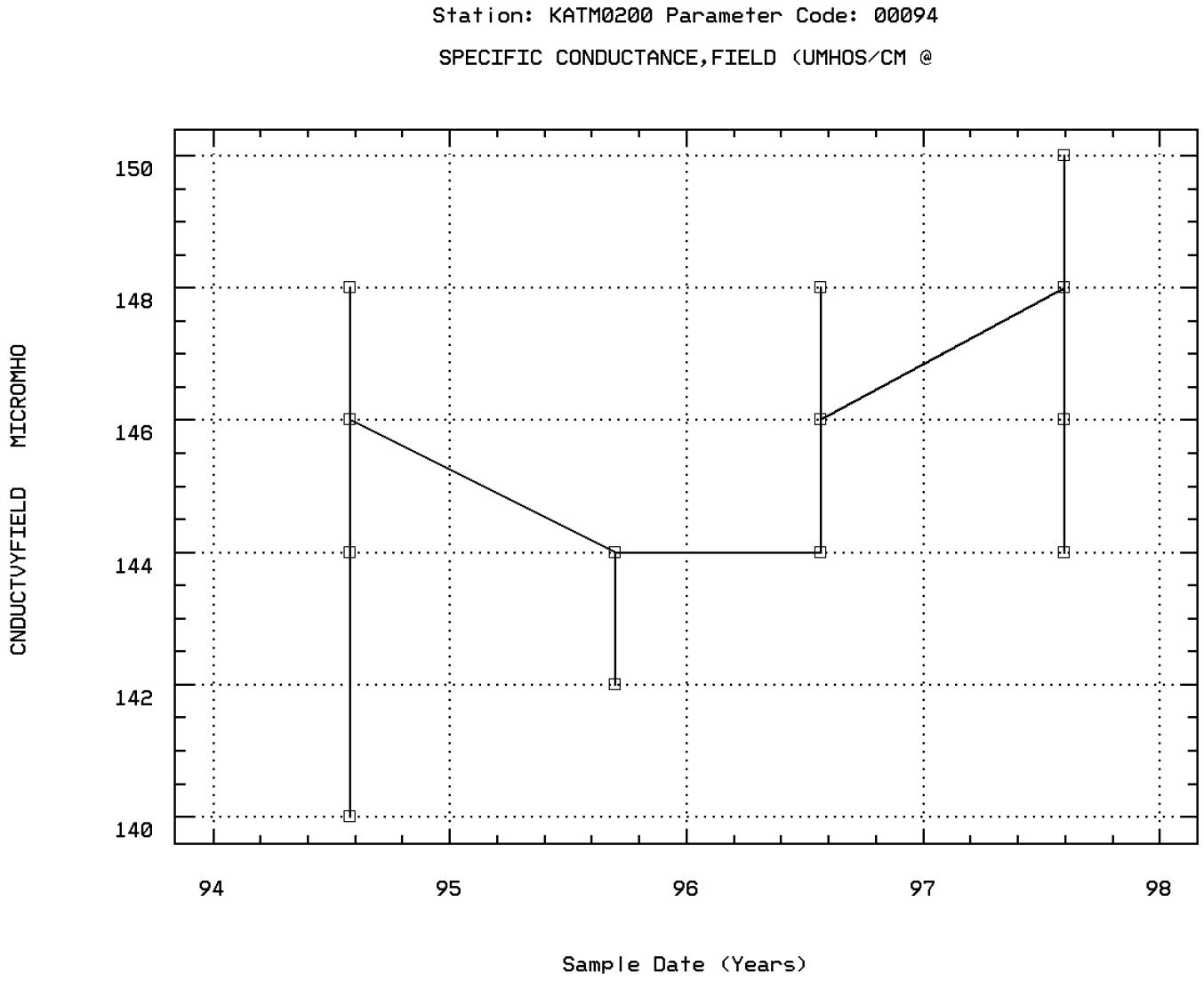
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/94-08/05/97	46	11.75	11.328	17.3	6.	9.035	3.006	7.27	8.725	13.	16.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/30/94-08/05/97	5	8.2	9.16	11.3	7.5	2.813	1.677	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/94-08/05/97	46	146.	145.565	150.	140.	4.251	2.062	144.	144.	148.	148.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/30/94-08/05/97	35	11.4	11.729	13.5	10.6	0.771	0.878	10.86	11.	12.4	13.18
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/30/94-08/05/97	46	105.9	85.67	118.9	7.6	1810.026	42.544	10.38	78.8	111.125	117.06
00406p	PH, FIELD, STANDARD UNITS SU	07/30/94-08/05/97	46	7.97	8.012	8.46	7.68	0.057	0.239	7.717	7.79	8.18	8.42
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/30/94-08/05/97	46	7.97	7.953	8.46	7.68	0.061	0.247	7.717	7.79	8.18	8.42
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/94-08/05/97	46	0.011	0.011	0.021	0.003	0.	0.005	0.004	0.007	0.016	0.019
00480p	SALINITY - PARTS PER THOUSAND	07/30/94-08/05/97	46	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

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

EPA Water Quality Criteria Analysis for Station: KATM0200

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	35	0	0.00	35	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	46	0	0.00	46	0	0.00									
		Other-Lo Lim.	6.5	46	0	0.00	46	0	0.00									

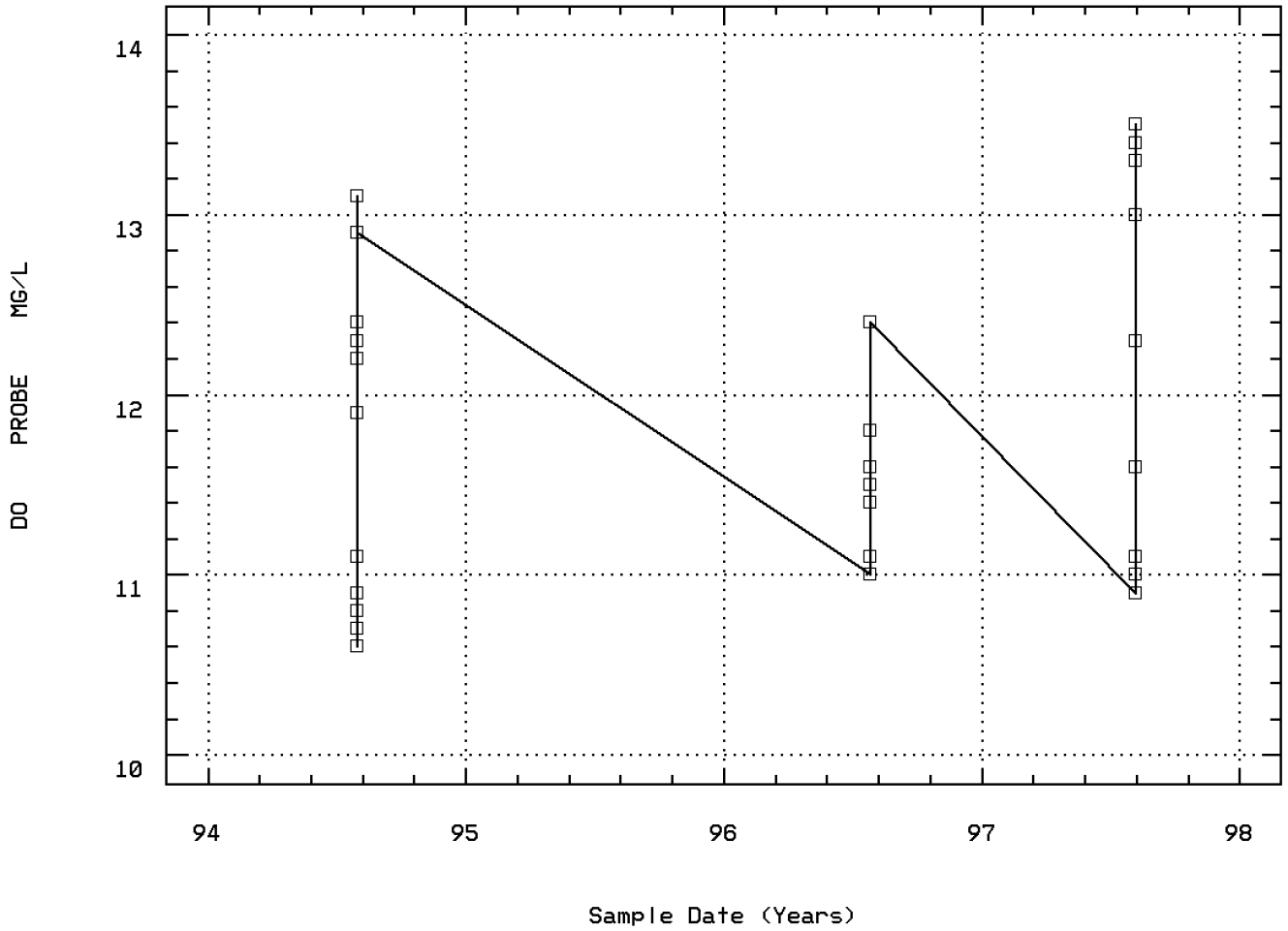
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter


Station: KATM0200 Parameter Code: 00094
SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @
CNDUCTVYFIELD MICROMHO
150
148
146
144
142
140
94
95
96
97
98
Sample Date (Years)

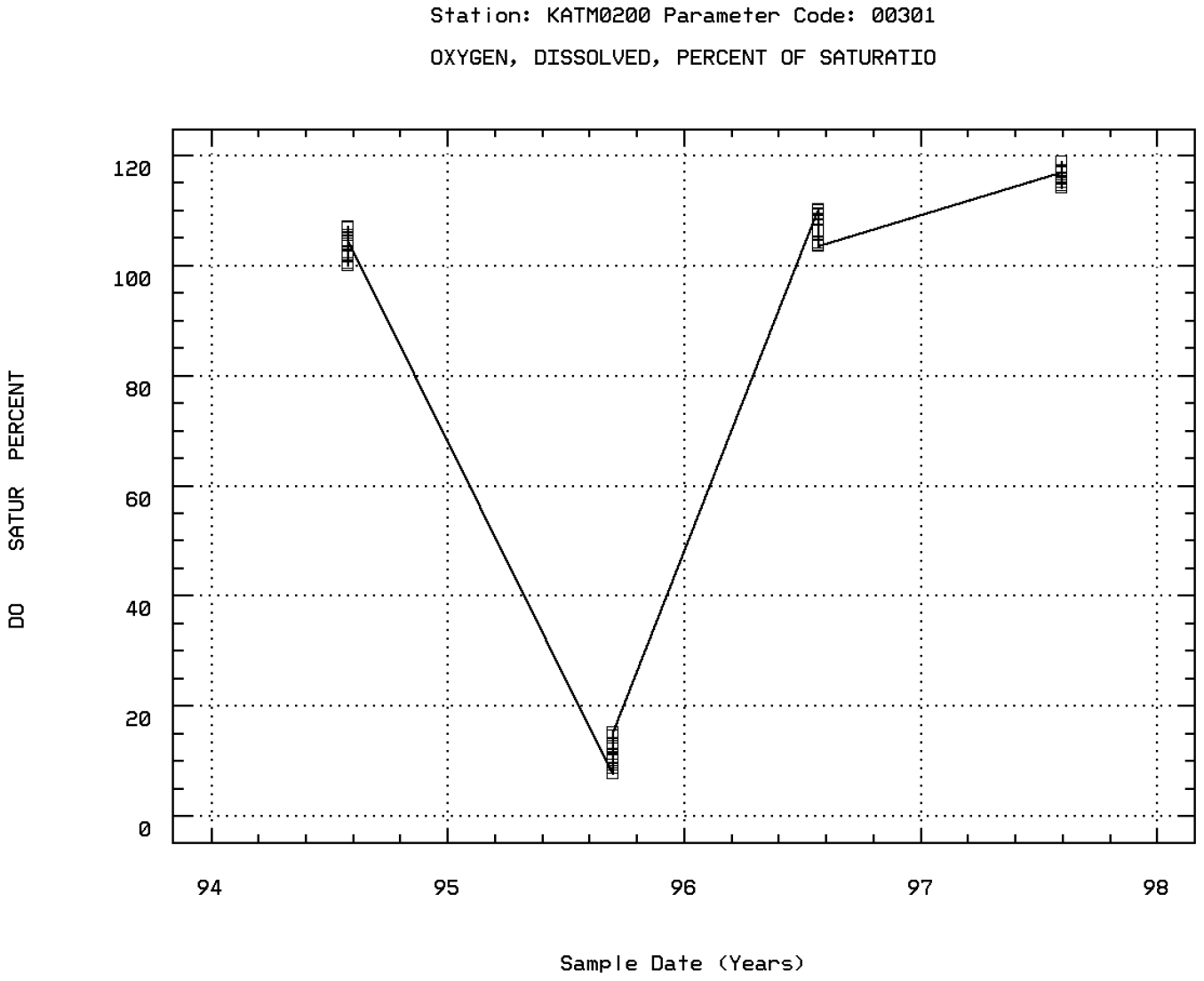
NAKNEK LAKE

Station: KATM0200 Parameter Code: 00299

OXYGEN ,DISSOLVED, ANALYSIS BY PROBE



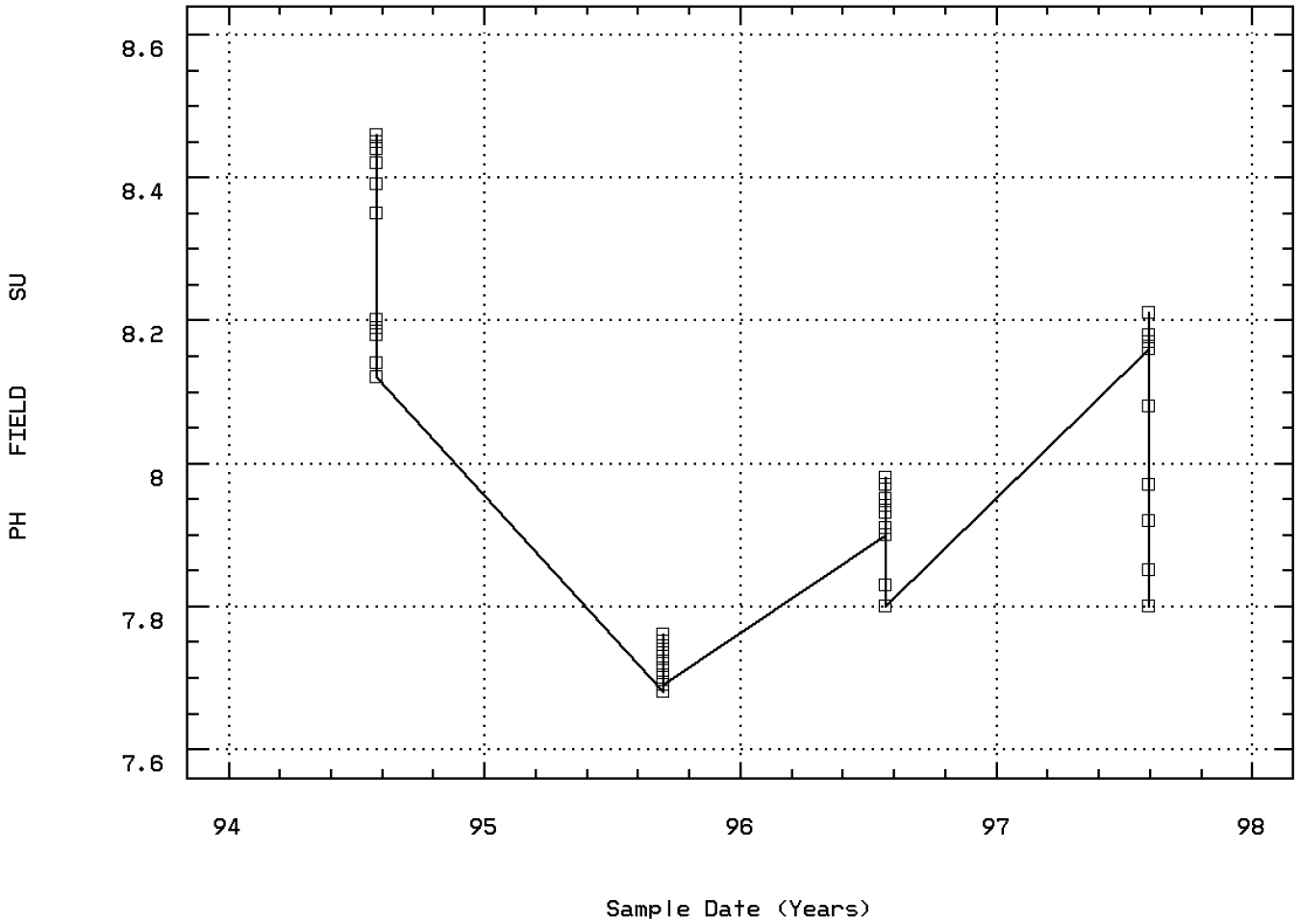
NAKNEK LAKE


Station: KATM0200 Parameter Code: 00301
OXYGEN, DISSOLVED, PERCENT OF SATURATIO
DO SATUR PERCENT
120
100
80
60
40
20
0
94
95
96
97
98
Sample Date (Years)

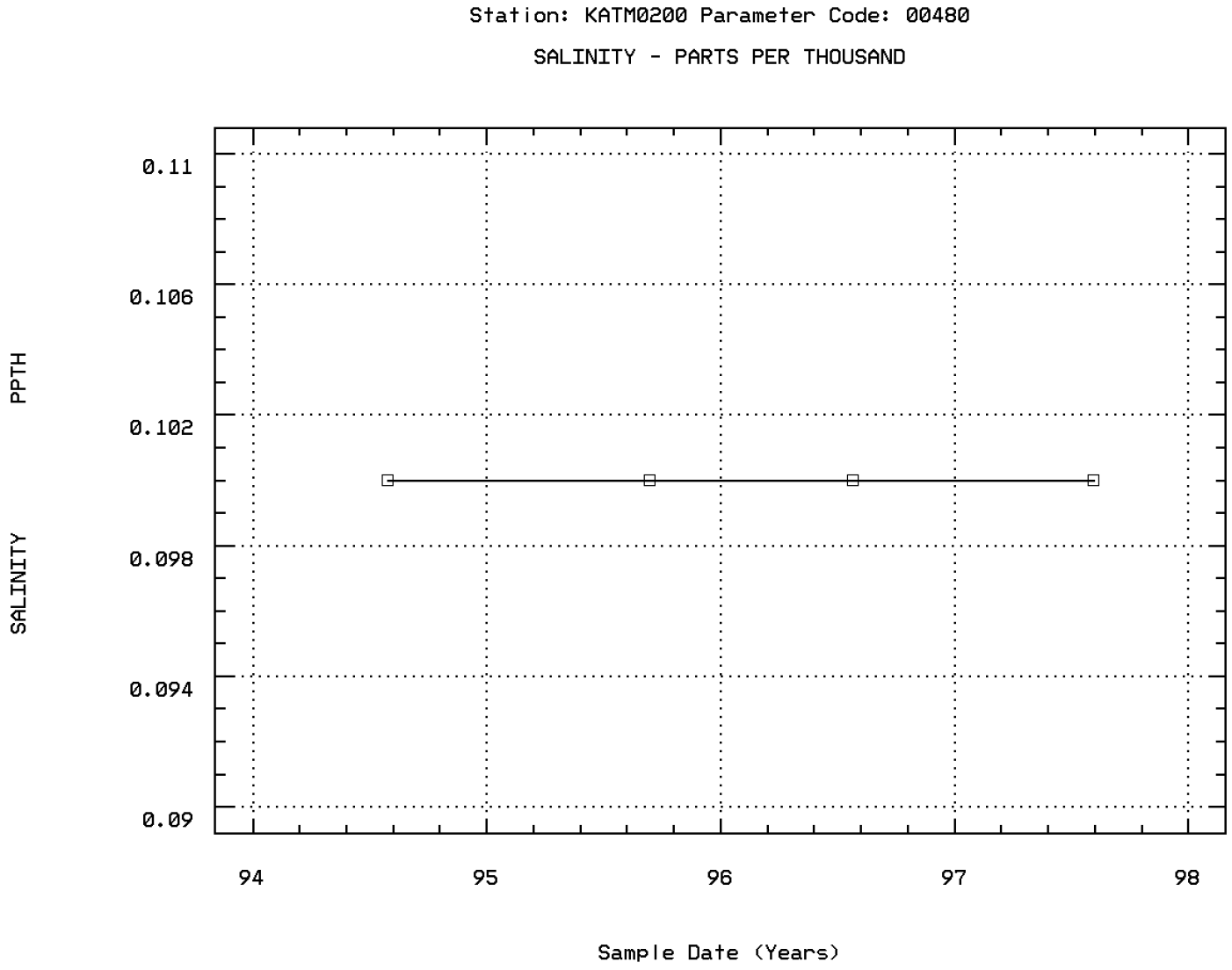
NAKNEK LAKE

Station: KATM0200 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



NAKNEK LAKE


Station: KATM0200 Parameter Code: 00480
SALINITY - PARTS PER THOUSAND
SALINITY
PPTH
0.11
0.106
0.102
0.098
0.094
0.09
94
95
96
97
98
Sample Date (Years)

NAKNEK LAKE

Annual Analysis for 1994 - Station KATM0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/94-08/05/97	12	9.65	9.75	13.2	6.3	5.834	2.415	6.42	7.45	12.075	12.9
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/94-08/05/97	12	146.	145.833	148.	140.	5.424	2.329	141.2	144.5	148.	148.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/30/94-08/05/97	12	104.	103.683	107.1	100.	6.887	2.624	100.12	101.5	106.55	107.1
00406p	PH, FIELD, STANDARD UNITS SU	07/30/94-08/05/97	12	8.37	8.313	8.46	8.12	0.018	0.135	8.126	8.182	8.435	8.457
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/30/94-08/05/97	12	8.37	8.294	8.46	8.12	0.019	0.136	8.126	8.182	8.435	8.457
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/94-08/05/97	12	0.004	0.005	0.008	0.003	0.	0.002	0.003	0.004	0.007	0.007
00480p	SALINITY - PARTS PER THOUSAND	07/30/94-08/05/97	12	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	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 KATM0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/94-08/05/97	11	12.	11.455	12.4	8.2	1.865	1.366	8.48	11.	12.3	12.4
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/94-08/05/97	11	144.	143.818	144.	142.	0.364	0.603	142.4	144.	144.	144.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/30/94-08/05/97	11	10.6	11.155	15.2	7.6	5.663	2.38	7.8	9.3	12.9	15.08
00406p	PH, FIELD, STANDARD UNITS SU	07/30/94-08/05/97	11	7.73	7.725	7.76	7.68	0.001	0.027	7.682	7.7	7.75	7.758
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/30/94-08/05/97	11	7.73	7.725	7.76	7.68	0.001	0.027	7.682	7.7	7.75	7.758
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/94-08/05/97	11	0.019	0.019	0.021	0.017	0.	0.001	0.017	0.018	0.02	0.021
00480p	SALINITY - PARTS PER THOUSAND	07/30/94-08/05/97	11	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	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 KATM0200

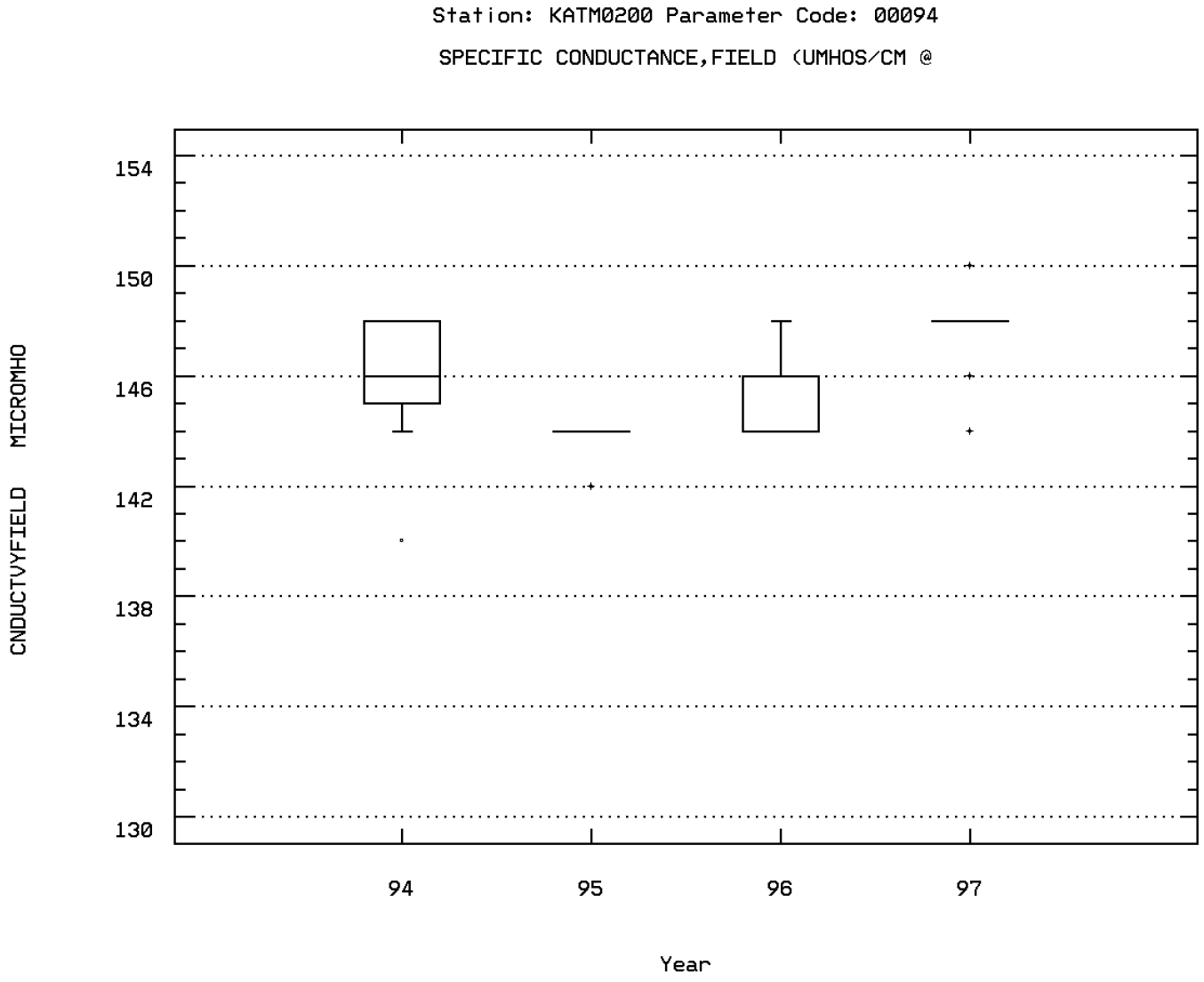
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/94-08/05/97	12	12.3	11.175	13.2	6.	5.969	2.443	6.57	9.2	13.075	13.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/94-08/05/97	12	144.	145.	148.	144.	1.818	1.348	144.	144.	146.	147.4
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/30/94-08/05/97	12	109.25	107.85	110.1	103.5	7.155	2.675	103.56	104.65	109.9	110.04
00406p	PH, FIELD, STANDARD UNITS SU	07/30/94-08/05/97	12	7.945	7.925	7.98	7.8	0.003	0.057	7.809	7.903	7.97	7.977
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/30/94-08/05/97	12	7.945	7.921	7.98	7.8	0.003	0.057	7.809	7.902	7.97	7.977
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/94-08/05/97	12	0.011	0.012	0.016	0.01	0.	0.002	0.011	0.011	0.013	0.016
00480p	SALINITY - PARTS PER THOUSAND	07/30/94-08/05/97	12	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	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

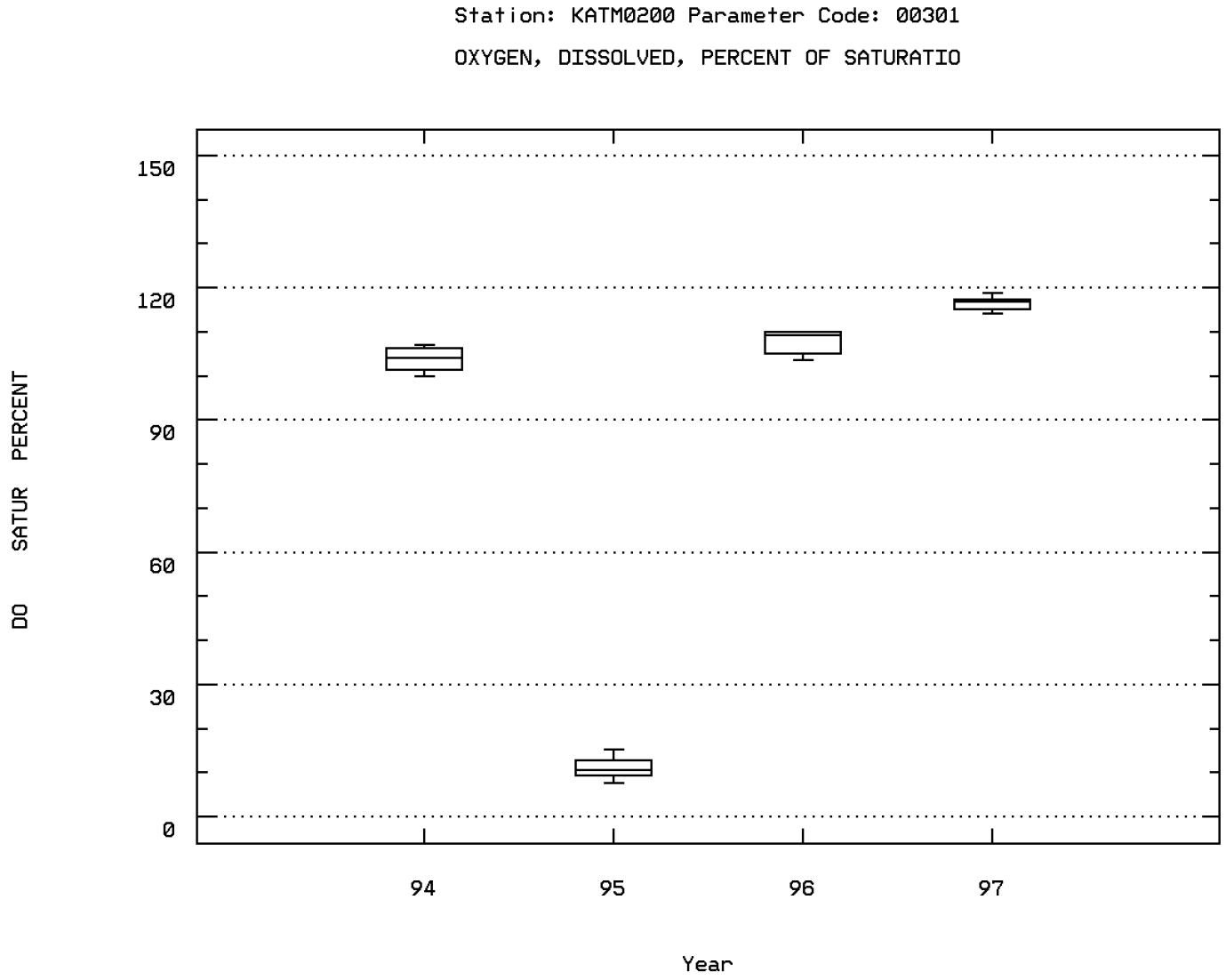
Annual Analysis for 1997 - Station KATM0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/94-08/05/97	11	15.5	13.091	17.3	7.2	19.355	4.399	7.28	8.4	17.	17.28
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/94-08/05/97	11	148.	147.636	150.	144.	2.255	1.502	144.4	148.	148.	149.6
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/30/94-08/05/97	11	116.8	116.336	118.9	114.2	2.013	1.419	114.26	115.1	117.3	118.58
00406p	PH, FIELD, STANDARD UNITS SU	07/30/94-08/05/97	11	8.16	8.063	8.21	7.8	0.023	0.15	7.81	7.92	8.18	8.204
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/30/94-08/05/97	11	8.16	8.038	8.21	7.8	0.023	0.152	7.81	7.92	8.18	8.204
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/94-08/05/97	11	0.007	0.009	0.016	0.006	0.	0.003	0.006	0.007	0.012	0.016
00480p	SALINITY - PARTS PER THOUSAND	07/30/94-08/05/97	11	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

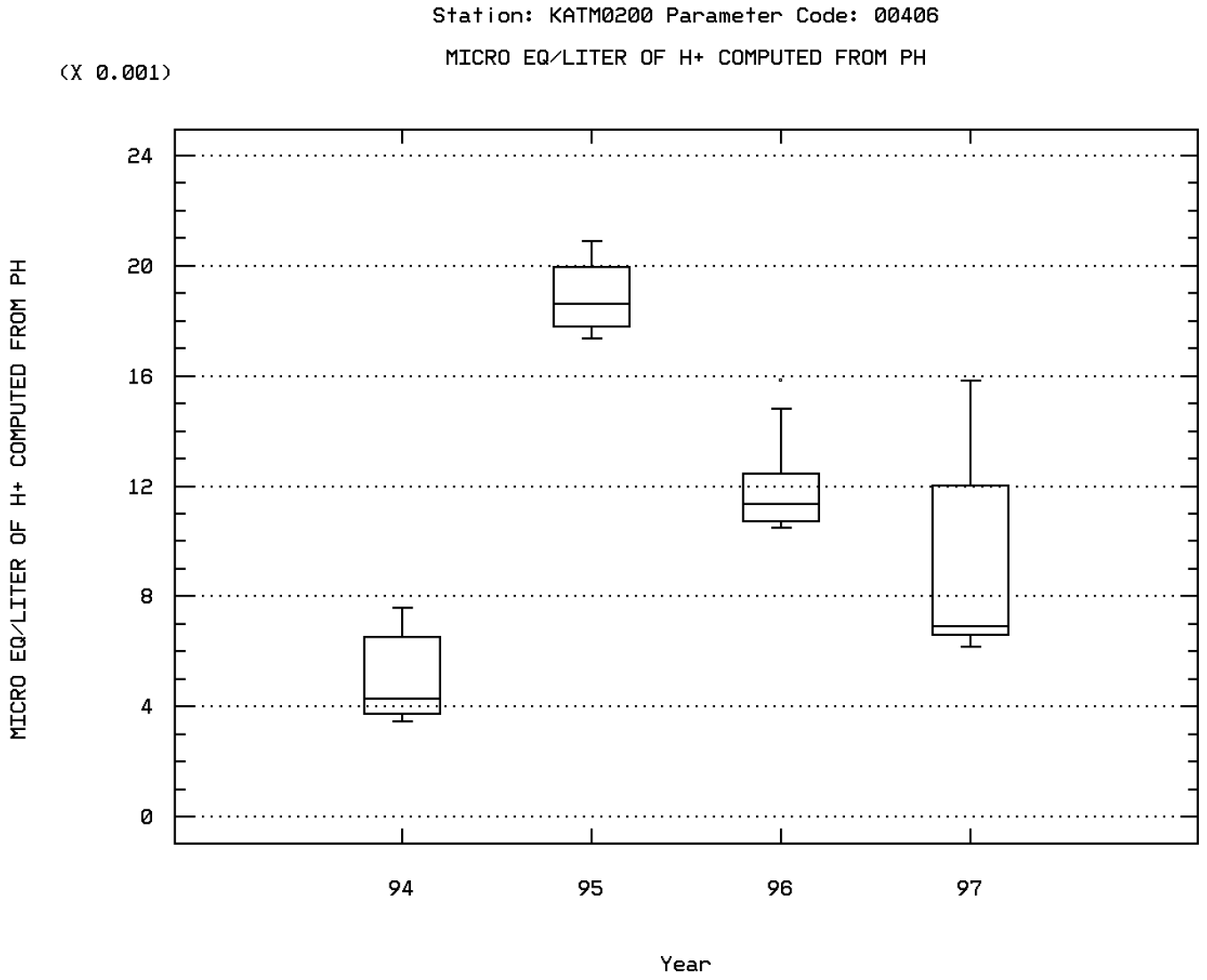
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot


Station: KATM0200 Parameter Code: 00094
SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @
CNDUCTVYFIELD MICROMHO
154
150
146
142
138
134
130
94
95
96
97
Year

NAKNEK LAKE


Station: KATM0200 Parameter Code: 00301
OXYGEN, DISSOLVED, PERCENT OF SATURATIO
DO SATUR PERCENT
150
120
90
60
30
0
94
95
96
97
Year

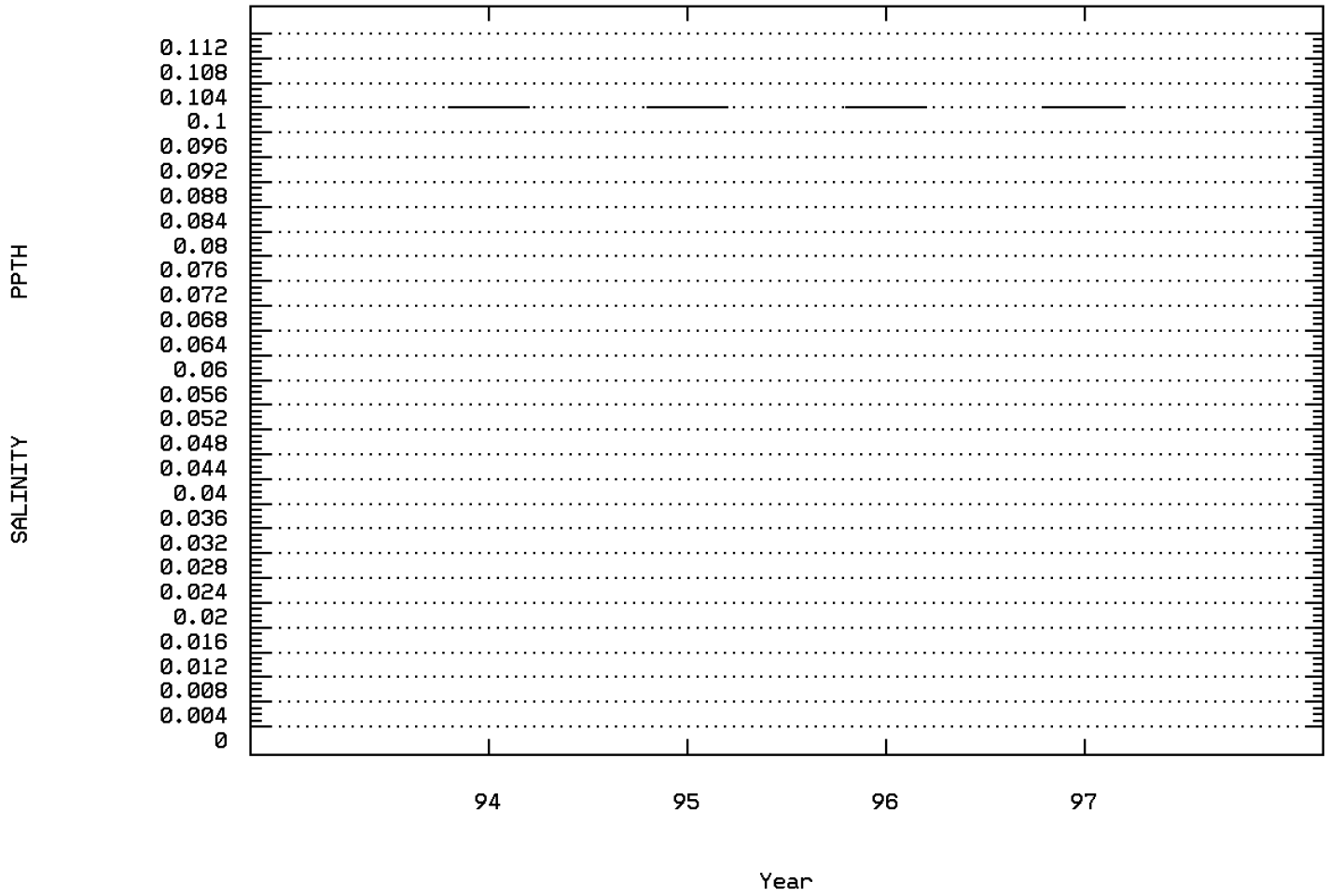
NAKNEK LAKE


Station: KATM0200 Parameter Code: 00406
MICRO EQ/LITER OF H+ COMPUTED FROM PH
(X 0.001)
MICRO EQ/LITER OF H+ COMPUTED FROM PH
24
20
16
12
8
4
0
94
95
96
97
Year

NAKNEK LAKE

Station: KATM0200 Parameter Code: 00480

SALINITY - PARTS PER THOUSAND



NAKNEK LAKE

Station Inventory for Station: KATM0201

NPS Station ID: KATM0201
LAT/LON: 58.554170/-155.787505
Agency: 112WRD
Date Created: 11/18/75
Location: BROOKS R NR KING SALMON AK
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 583315155471500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: KATM0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/53-09/08/53	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/08/53-09/08/53	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/08/53-09/08/53	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/08/53-09/08/53	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/08/53-09/08/53	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/08/53-09/08/53	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/08/53-09/08/53	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/08/53-09/08/53	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/08/53-09/08/53	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/08/53-09/08/53	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/08/53-09/08/53	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/08/53-09/08/53	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/08/53-09/08/53	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/08/53-09/08/53	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/08/53-09/08/53	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/08/53-09/08/53	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/08/53-09/08/53	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/08/53-09/08/53	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/08/53-09/08/53	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/08/53-09/08/53	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/08/53-09/08/53	1	56.	56.	56.	56.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/08/53-09/08/53	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/08/53-09/08/53	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/08/53-09/08/53	1	30.	30.	30.	30.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0201

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	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: KATM0201

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0202

NPS Station ID: KATM0202 LAT/LON: 58.546587/-155.790866 Agency: 11NPSWRD Date Created: 03/13/99
Location: BROOKS LAKE SHORELINE NEAR BROOKS RIVER FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_USFW_BLW1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED NEAR THE SHORE OF BROOKS LAKE SOUTHEAST OF HYDROCARBON AND FUELING AREAS; NEAR AN EMPLOYEE HOUSING AREA. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 12 AUGUST 1997. RESULTS WILL BE SUMMARIZED IN A FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; FINAL REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE (USFW); ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/12/97-08/12/97	3	38.9	38.5	44.6	32.	39.81	6.31	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3	0.884	0.919	1.05	0.824	0.014	0.117	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3	1.73	2.23	3.25	1.71	0.78	0.883	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3	1.16	1.238	1.57	0.985	0.09	0.3	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.405	0.827	1.71	0.365	0.586	0.765	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.18	1.492	2.89	0.405	1.617	1.271	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	16.5	15.833	18.9	12.1	11.893	3.449	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	11.8	12.3	14.4	10.7	3.61	1.9	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	15.2	15.733	18.	14.	4.213	2.053	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	49.1	53.	64.	45.9	93.31	9.66	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	25.4	25.467	28.9	22.1	11.563	3.4	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	38.	41.367	50.1	36.	58.203	7.629	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	20.8	20.833	23.3	18.4	6.003	2.45	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	19.3	19.467	22.	17.1	6.023	2.454	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	11.3	11.333	12.3	10.4	0.903	0.95	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	21.8	21.6	23.6	19.4	4.44	2.107	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	75.1	79.4	93.8	69.3	163.93	12.804	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	16.4	17.467	20.4	15.6	6.613	2.572	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	23.2	23.933	27.6	21.	11.293	3.361	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	68.2	72.867	83.3	67.1	81.943	9.052	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	25.5	25.267	28.5	21.8	11.263	3.356	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	68.4	70.8	80.3	63.7	73.21	8.556	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	22.7	22.433	24.7	19.9	5.813	2.411	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	25.9	26.233	29.9	22.9	12.333	3.512	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	11.1	11.203	12.8	9.71	2.395	1.548	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	48.3	50.367	58.4	44.4	52.203	7.225	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.05	1.27	1.73	1.03	0.159	0.398	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.45	0.655	1.15	0.365	0.186	0.431	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	3.44	3.477	3.61	3.38	0.014	0.119	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.47	1.483	1.66	1.32	0.029	0.17	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	2.03	1.917	2.16	1.56	0.1	0.316	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.405	0.407	0.45	0.365	0.002	0.043	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.482	0.95	0.249	0.164	0.405	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.7	0.767	0.96	0.64	0.029	0.17	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	6.92	6.937	7.09	6.8	0.021	0.146	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.2	1.167	1.24	1.06	0.009	0.095	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.9	0.907	0.92	0.9	0.	0.012	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.332	0.5	0.249	0.021	0.145	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**

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Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.183	0.249	0.051	0.013	0.114	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/12/97-08/12/97	3 ##	0.407	0.564	0.92	0.366	0.095	0.309	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.8	0.883	1.6	0.249	0.462	0.68	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	45.6	44.5	46.2	41.7	5.97	2.443	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	6.8	6.833	7.1	6.6	0.063	0.252	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.25	0.399	0.7	0.249	0.068	0.26	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	43.3	43.2	44.5	41.8	1.83	1.353	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	12.7	12.7	12.9	12.5	0.04	0.2	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	10.6	10.633	11.3	10.	0.423	0.651	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	30.2	30.7	32.4	29.5	2.29	1.513	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	15.5	15.5	16.	15.	0.25	0.5	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	13.2	13.2	13.3	13.1	0.01	0.1	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	17.1	28.333	52.	15.9	420.443	20.505	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	15.8	16.	16.6	15.6	0.28	0.529	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	13.7	13.7	13.9	13.5	0.04	0.2	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	2.1	2.133	2.3	2.	0.023	0.153	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	14.3	14.6	15.3	14.2	0.37	0.608	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.249	0.25	0.249	0.	0.001	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	0.71	1.05	2.19	0.249	1.029	1.014	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	1.04	1.799	3.95	0.407	3.57	1.89	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	0.77	0.817	0.94	0.74	0.012	0.108	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	1.38	1.327	1.39	1.21	0.01	0.101	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	1.87	2.083	2.94	1.44	0.597	0.772	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	1.27	1.26	1.63	0.88	0.141	0.375	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	1.23	1.24	1.4	1.09	0.024	0.155	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	2.01	2.043	2.52	1.6	0.212	0.461	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	1.53	1.473	1.63	1.26	0.037	0.191	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.85	0.91	1.11	0.77	0.032	0.178	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	24.4	26.367	33.2	21.5	37.123	6.093	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	14.9	15.967	18.4	14.6	4.463	2.113	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	7.53	8.04	9.38	7.21	1.372	1.171	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	4.9	4.9	5.2	4.6	0.09	0.3	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	13.4	15.033	18.4	13.3	8.503	2.916	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	9.1	9.133	10.2	8.1	1.103	1.05	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	24.	24.7	26.2	23.9	1.69	1.3	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	39.1	40.533	47.2	35.3	36.943	6.078	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.407	0.558	0.902	0.366	0.089	0.298	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.407	0.408	0.45	0.366	0.002	0.042	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.405	0.623	1.1	0.365	0.171	0.413	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	11.8	11.867	12.2	11.6	0.093	0.306	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	24.5	25.167	27.8	23.2	5.623	2.371	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	31.2	32.233	35.5	30.	8.363	2.892	**	**	**	**

** - Less than 9 observations ## - 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: KATM0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	10.1	9.6	10.5	8.2	1.51	1.229	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	7.3	7.5	8.	7.2	0.19	0.436	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	15.6	15.4	15.8	14.8	0.28	0.529	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	9.5	9.6	10.	9.3	0.13	0.361	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/12/97-08/12/97	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/12/97-08/12/97	3 ##	0.4	0.4	0.45	0.35	0.003	0.05	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/12/97-08/12/97	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0202

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	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									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	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									

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

Station Inventory for Station: KATM0203

NPS Station ID: KATM0203 | LAT/LON: 58.547420/-155.791643 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BROOKS LAKE NEAR BROOKS RIVER | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_USFW_BLW3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT BROOKS LAKE NORTH OF EXISTING GAS AND OIL TANKS; A SUSPECTED SOURCE OF HYDROCARBON CONTAMINATION. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 12 AUGUST 1997. RESULTS WILL BE SUMMARIZED IN A FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; FINAL REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE (USFW); ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/12/97-08/12/97	3	41.9	41.867	42.1	41.6	0.063	0.252	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3	1.1	1.068	1.12	0.984	0.005	0.073	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3	2.58	2.583	3.17	2.	0.342	0.585	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3	1.76	1.743	1.78	1.69	0.002	0.047	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3	1.37	1.49	2.08	1.02	0.292	0.54	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.43	0.855	1.71	0.425	0.548	0.74	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	11.9	14.033	19.2	11.	20.223	4.497	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	13.2	13.433	14.	13.1	0.243	0.493	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	16.9	16.9	17.3	16.5	0.16	0.4	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	51.1	51.8	53.9	50.4	3.43	1.852	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	25.1	24.933	25.5	24.2	0.443	0.666	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	45.1	42.6	47.1	35.6	37.75	6.144	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	20.7	20.3	21.2	19.	1.33	1.153	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	19.7	19.133	19.8	17.9	1.143	1.069	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	11.	10.77	11.9	9.41	1.59	1.261	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	21.4	20.4	21.7	18.1	3.99	1.997	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	76.5	74.6	79.3	68.	34.63	5.885	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	16.6	15.767	16.7	14.	2.343	1.531	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	23.5	22.8	24.4	20.5	4.17	2.042	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	73.1	69.733	74.	62.1	43.903	6.626	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	23.8	22.933	24.6	20.4	4.973	2.23	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	69.3	67.067	71.3	60.6	32.363	5.689	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	21.6	20.833	21.7	19.2	2.003	1.415	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	26.	25.333	27.	23.	4.333	2.082	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	10.4	10.057	10.8	8.97	0.926	0.962	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	48.6	47.067	50.1	42.5	16.203	4.025	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.36	1.43	1.71	1.22	0.064	0.252	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.43	1.482	3.59	0.425	3.334	1.826	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	2.75	2.633	3.25	1.9	0.466	0.683	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.57	1.573	1.61	1.54	0.001	0.035	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	2.26	2.1	2.62	1.42	0.379	0.616	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.425	0.425	0.43	0.42	0.	0.005	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.8	0.867	1.21	0.59	0.099	0.315	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.	2.963	7.1	0.79	12.845	3.584	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	6.43	6.27	6.93	5.45	0.567	0.753	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.31	1.22	1.52	0.83	0.125	0.354	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.91	0.913	0.93	0.9	0.	0.015	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.5	0.499	0.75	0.247	0.063	0.252	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**

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

Parameter Inventory for Station: KATM0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.331	0.5	0.247	0.021	0.146	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/12/97-08/12/97	3 ##	0.426	0.57	0.861	0.422	0.064	0.252	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.499	1.	0.247	0.189	0.434	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	42.7	40.567	43.	36.	15.663	3.958	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	6.1	5.867	6.3	5.2	0.343	0.586	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.865	2.1	0.247	1.144	1.069	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	40.5	39.	41.4	35.1	11.61	3.407	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	12.1	11.8	12.3	11.	0.49	0.7	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	9.7	9.167	9.7	8.1	0.853	0.924	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	28.4	27.367	29.1	24.6	5.863	2.421	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	14.6	14.5	14.9	14.	0.21	0.458	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	12.5	11.867	12.6	10.5	1.403	1.185	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	44.7	43.4	46.1	39.4	12.49	3.534	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	15.2	14.733	15.7	13.3	1.603	1.266	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	12.6	12.1	12.6	11.1	0.75	0.866	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.6	1.537	1.9	1.11	0.159	0.399	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	13.7	13.267	14.2	11.9	1.463	1.21	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.247	0.247	0.249	0.247	0.	0.001	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	0.87	1.003	1.47	0.67	0.173	0.416	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	1.5	1.727	2.53	1.15	0.515	0.717	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	0.86	0.842	1.42	0.247	0.345	0.587	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	1.48	1.451	2.45	0.422	1.029	1.014	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	2.59	2.363	2.86	1.64	0.411	0.641	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	1.5	1.373	1.67	0.95	0.142	0.376	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	1.3	1.363	1.51	1.28	0.016	0.127	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	2.23	2.347	2.6	2.21	0.048	0.22	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	1.49	1.32	2.04	0.429	0.671	0.819	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.87	0.766	1.18	0.249	0.225	0.474	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	28.1	26.533	28.9	22.6	11.763	3.43	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	16.3	15.433	16.9	13.1	4.173	2.043	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	8.05	7.967	8.26	7.59	0.117	0.343	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	4.7	4.633	4.8	4.4	0.043	0.208	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	12.4	12.767	14.2	11.7	1.663	1.29	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	7.2	7.433	8.3	6.8	0.603	0.777	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	22.5	22.067	23.3	20.4	2.243	1.498	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	38.5	37.933	40.1	35.2	6.243	2.499	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	3	0.861	0.856	1.28	0.426	0.183	0.427	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.426	0.425	0.429	0.422	0.	0.003	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.005	0.005	0.005	0.004	0.	0.001	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.43	0.645	1.08	0.425	0.142	0.377	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	11.5	11.133	11.5	10.4	0.403	0.635	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	26.2	24.767	27.5	20.6	13.443	3.667	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	29.6	30.133	31.5	29.3	1.423	1.193	**	**	**	**

** - Less than 9 observations ## - 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: KATM0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	6.9	8.167	11.2	6.4	6.963	2.639	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	7.7	7.8	8.1	7.6	0.07	0.265	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	13.9	13.333	14.3	11.8	1.803	1.343	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	9.8	9.833	10.1	9.6	0.063	0.252	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/12/97-08/12/97	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/12/97-08/12/97	3 ##	0.45	0.433	0.45	0.4	0.001	0.029	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/12/97-08/12/97	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0203

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	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									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	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									

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

Station Inventory for Station: KATM0204

NPS Station ID: KATM0204 LAT/LON: 58.547643/-155.792116 Agency: 11NPSWRD Date Created: 03/13/99
Location: BROOKS LAKE SOUTH OF THE BROOKS RIVER MOUTH FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): KATM_USFW_BLW2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT BROOKS LAKE LESS THAN 50 YARDS SOUTH OF THE BROOKS RIVER MOUTH NORTHWEST OF HYDROCARBON AND FUELING AREAS. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 12 AUGUST 1997. RESULTS WILL BE SUMMARIZED IN A FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; FINAL REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE (USFW); ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/12/97-08/12/97	3	33.3	30.967	35.6	24.	37.723	6.142	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3	0.882	0.717	0.885	0.386	0.083	0.288	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.374	0.503	0.808	0.326	0.071	0.266	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3	2.82	2.93	3.23	2.74	0.069	0.263	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3	1.54	1.543	1.57	1.52	0.001	0.025	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/12/97-08/12/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.375	0.362	0.385	0.325	0.001	0.032	**	**	**	**
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.375	0.362	0.385	0.325	0.001	0.032	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/12/97-08/12/97	3 ##	0.375	0.362	0.385	0.325	0.001	0.032	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/12/97-08/12/97	3	0.71	0.758	1.18	0.385	0.16	0.4	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	0.9	0.912	1.45	0.385	0.284	0.533	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.4	1.38	1.84	0.9	0.221	0.47	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	17.6	17.1	23.4	10.3	43.09	6.564	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	11.3	11.9	13.3	11.1	1.48	1.217	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	15.4	15.367	16.3	14.4	0.903	0.95	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	47.1	46.6	48.3	44.4	3.99	1.997	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	21.6	20.9	21.9	19.2	2.19	1.48	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	29.2	31.9	37.3	29.2	21.87	4.677	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	16.	16.833	18.6	15.9	2.343	1.531	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	15.4	15.133	15.5	14.5	0.303	0.551	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	6.54	6.61	7.32	5.97	0.459	0.678	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	14.2	13.173	16.	9.32	11.946	3.456	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	48.4	49.	52.9	45.7	13.23	3.637	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	11.3	11.833	13.2	11.	1.423	1.193	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	16.9	16.933	17.4	16.5	0.203	0.451	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	52.9	53.1	54.1	52.3	0.84	0.917	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	16.7	16.633	17.4	15.8	0.643	0.802	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	45.7	46.467	49.3	44.4	6.443	2.538	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	16.3	16.533	17.	16.3	0.163	0.404	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	19.	18.967	19.1	18.8	0.023	0.153	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	7.3	7.597	8.25	7.24	0.321	0.567	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.375	0.362	0.385	0.325	0.001	0.032	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.375	0.362	0.385	0.325	0.001	0.032	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.375	0.362	0.385	0.325	0.001	0.032	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.375	0.362	0.385	0.325	0.001	0.032	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.375	0.362	0.385	0.325	0.001	0.032	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.375	0.362	0.385	0.325	0.001	0.032	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	30.3	29.867	32.7	26.6	9.443	3.073	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.37	1.48	1.72	1.35	0.043	0.208	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	0.78	1.618	3.75	0.325	3.46	1.86	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	2.11	2.427	3.15	2.02	0.394	0.628	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.32	1.112	1.63	0.385	0.42	0.648	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3	1.05	1.008	1.59	0.385	0.364	0.604	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.375	0.362	0.385	0.325	0.001	0.032	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.375	0.362	0.385	0.325	0.001	0.032	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/12/97-08/12/97	3 ##	0.375	0.362	0.385	0.325	0.001	0.032	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/12/97-08/12/97	3 ##	0.375	0.362	0.385	0.325	0.001	0.032	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.54	0.526	0.79	0.248	0.074	0.271	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.04	1.017	1.11	0.9	0.011	0.107	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	4.88	4.563	4.97	3.84	0.394	0.628	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.7	0.719	1.21	0.248	0.232	0.481	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.88	0.789	1.24	0.248	0.252	0.502	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.61	0.513	0.68	0.249	0.053	0.231	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**

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

Parameter Inventory for Station: KATM0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.5	0.433	0.55	0.249	0.026	0.161	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/12/97-08/12/97	3 ##	0.248	0.248	0.249	0.248	0.	0.001	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.9	0.967	1.4	0.6	0.163	0.404	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	35.3	36.6	39.7	34.8	7.27	2.696	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	5.5	5.233	5.5	4.7	0.213	0.462	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.5	1.083	2.5	0.248	1.523	1.234	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	32.9	32.067	34.7	28.6	9.823	3.134	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	10.6	11.667	14.1	10.3	4.463	2.113	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	8.6	8.167	8.8	7.1	0.863	0.929	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	21.8	20.633	23.	17.1	9.723	3.118	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	13.9	14.433	16.6	12.8	3.823	1.955	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	10.7	9.167	10.8	6.	7.523	2.743	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	35.3	33.833	36.8	29.4	15.303	3.912	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	12.7	13.1	14.3	12.3	1.12	1.058	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	10.9	11.433	12.9	10.5	1.653	1.286	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	1.6	1.667	2.1	1.3	0.163	0.404	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	11.6	11.667	12.8	10.6	1.213	1.102	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.6	0.649	1.1	0.248	0.183	0.428	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3 ##	0.249	0.376	0.63	0.248	0.049	0.22	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3 ##	0.386	0.529	0.829	0.374	0.067	0.26	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	1.35	1.159	1.88	0.248	0.693	0.833	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	2.02	1.625	2.47	0.386	1.203	1.097	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	2.23	2.035	3.49	0.386	2.438	1.561	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	1.49	1.463	2.65	0.248	1.443	1.201	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/12/97-08/12/97	3	1.27	1.106	1.8	0.248	0.622	0.789	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/12/97-08/12/97	3	1.9	1.552	2.37	0.386	1.075	1.037	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	1.22	1.125	1.77	0.386	0.486	0.697	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	0.93	0.786	1.18	0.248	0.233	0.482	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	20.4	21.233	25.9	17.4	18.583	4.311	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	13.1	14.8	19.7	11.6	18.57	4.309	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	6.45	6.847	8.39	5.7	1.927	1.388	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	4.9	4.7	5.4	3.8	0.67	0.819	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	9.48	9.303	10.2	8.23	0.994	0.997	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	6.8	6.433	7.2	5.3	1.003	1.002	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/12/97-08/12/97	3	16.8	15.567	17.4	12.5	7.143	2.673	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3	22.9	22.5	25.2	19.4	8.53	2.921	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	3	0.803	0.746	1.06	0.374	0.12	0.347	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/12/97-08/12/97	3 ##	0.374	0.362	0.386	0.326	0.001	0.031	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/12/97-08/12/97	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/12/97-08/12/97	3	0.005	0.005	0.005	0.004	0.	0.001	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/12/97-08/12/97	3 ##	0.375	0.55	0.95	0.325	0.121	0.347	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	9.9	10.467	11.8	9.7	1.343	1.159	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	19.5	22.2	28.3	18.8	28.03	5.294	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	30.3	32.2	36.7	29.6	15.31	3.913	**	**	**	**

** - Less than 9 observations ## - 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: KATM0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	11.3	12.	17.8	6.9	30.07	5.484	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	7.4	8.267	10.1	7.3	2.523	1.589	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	11.6	11.5	12.7	10.2	1.57	1.253	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/12/97-08/12/97	3	9.9	10.633	12.4	9.6	2.363	1.537	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/12/97-08/12/97	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/12/97-08/12/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/12/97-08/12/97	3	0.7	0.617	0.8	0.35	0.056	0.236	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/12/97-08/12/97	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0204

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	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									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	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									

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

Station Inventory for Station: KATM0205

NPS Station ID: KATM0205 | LAT/LON: 58.547309/-155.798310 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BROOKS RIVER NEAR BROOKS LAKE INLET | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UCB_BR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT BROOKS RIVER AND IS ASSUMED TO BE NEAR THE BROOKS LAKE INLET. DATA WERE COLLECTED AT THIS SITE ON 13 AUGUST 1984. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0205

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/13/84-08/13/84	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/13/84-08/13/84	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/84-08/13/84	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/84-08/13/84	1	28.	28.	28.	28.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0205

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	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: KATM0206

NPS Station ID: KATM0206
LAT/LON: 58.547309/-155.798310
Agency: 11NPSWRD
Date Created: 03/13/99
Location: BROOKS RIVER
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_UAF_BR
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BROOKS RIVER INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 3 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0206

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	09/04/90-09/04/90	1	155.	155.	155.	155.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/90-09/04/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/04/90-09/04/90	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/04/90-09/04/90	1	386.	386.	386.	386.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/90-09/04/90	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/04/90-09/04/90	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/04/90-09/04/90	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/90-09/04/90	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/04/90-09/04/90	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/04/90-09/04/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/28/90-08/28/90	2 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/04/90-09/04/90	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/28/90-08/28/90	2	8.05	8.05	8.2	7.9	0.045	0.212	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/28/90-08/28/90	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/28/90-08/28/90	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/28/90-08/28/90	2	0.7	0.7	0.8	0.6	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/04/90-09/04/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/04/90-09/04/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/28/90-08/28/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/28/90-08/28/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/28/90-08/28/90	2	74.5	74.5	84.	65.	180.5	13.435	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/28/90-08/28/90	2 ##	40.	40.	40.	40.	0.	0.	**	**	**	**

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Parameter Inventory for Station: KATM0206

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/28/90-08/28/90	2 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/28/90-08/28/90	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/28/90-08/28/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/28/90-08/28/90	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/28/90-08/28/90	2 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/28/90-08/28/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/28/90-08/28/90	2	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/28/90-08/28/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/28/90-08/28/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/28/90-08/28/90	2	29.	29.	30.	28.	2.	1.414	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/28/90-08/28/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/28/90-08/28/90	2 ##	87.5	87.5	160.	15.	10512.5	102.53	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/28/90-08/28/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/28/90-08/28/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/28/90-08/28/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/28/90-08/28/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/28/90-08/28/90	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/28/90-08/28/90	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/28/90-08/28/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/28/90-08/28/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/90-08/28/90	2	4570.	4570.	4690.	4450.	28800.	169.706	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	09/04/90-09/04/90	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/28/90-08/28/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0206

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: KATM0207

NPS Station ID: KATM0207 LAT/LON: 58.511278/-155.768944 Agency: 11NPSWRD Date Created: 03/13/99
Location: UP-A-TREE CREEK NEAR BROOKS LAKE INLET FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_UCB_UTC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT UP-A-TREE CREEK AND IS ASSUMED TO BE NEAR THE BROOKS LAKE INLET. DATA COLLECTED IN JULY 1985 REPRESENT COMPOSITE SAMPLES. DATA COLLECTED ON 19 AUGUST 1984 DO NOT REPRESENT COMPOSITE SAMPLES. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/84-07/01/85	1	0.335	0.335	0.335	0.335	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/84-08/19/84	1	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0207

				Total	Exceed	Prop.	7/20-10/14			10/15-2/19			2/20-5/09			5/10-7/19		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0208

NPS Station ID: KATM0208 | LAT/LON: 58.511278/-155.768944 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: UP-A-TREE-CREEK/BROOKS LAKE STREAM 2 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_BR2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT UP-A-TREE-CREEK (BROOKS LAKE STREAM 2) INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 3 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	09/03/90-08/25/92	3	22.	22.667	25.	21.	4.333	2.082	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/91-08/25/92	2	7.9	7.9	8.1	7.7	0.08	0.283	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/03/90-08/25/92	3	1.	0.933	1.4	0.4	0.253	0.503	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/90-08/25/92	3	25.	21.	29.	9.	112.	10.583	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/10/91-08/25/92	2	10.5	10.5	19.	2.	144.5	12.021	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/91-08/25/92	2	127.	127.	136.	118.	162.	12.728	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/90-09/03/90	1	162.	162.	162.	162.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/03/90-08/25/92	3	7.75	7.15	8.	5.7	1.593	1.262	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/03/90-08/25/92	3	7.75	6.171	8.	5.7	3.03	1.741	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/03/90-08/25/92	3	0.018	0.674	1.995	0.01	1.309	1.144	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/03/90-08/25/92	3	55.	55.333	64.	47.	72.333	8.505	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/90-08/10/91	2	20.5	20.5	39.	2.	684.5	26.163	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/10/91-08/10/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/10/91-08/10/91	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/10/91-08/25/92	2	0.32	0.32	0.36	0.28	0.003	0.057	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/10/91-08/10/91	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/25/92-08/25/92	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/25/92-08/25/92	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/03/90-08/10/91	5	100.	80.	100.	50.	750.	27.386	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/90-08/25/92	3	0.029	0.031	0.039	0.026	0.	0.007	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/10/91-08/10/91	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/03/90-08/10/91	5	17.	19.54	24.9	16.	18.838	4.34	**	**	**	**

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

Parameter Inventory for Station: KATM0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	09/03/90-08/10/91	5	3.	3.4	4.	3.	0.3	0.548	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	09/03/90-08/10/91	5	5.	5.2	6.	4.	0.7	0.837	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	09/03/90-08/10/91	5	0.9	0.92	1.	0.8	0.007	0.084	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/03/90-08/25/92	3	7.	10.	21.	2.	97.	9.849	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/03/90-08/25/92	3	15.	13.	16.	8.	19.	4.359	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/03/90-08/10/91	5 ##	20.	22.	25.	20.	7.5	2.739	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	09/03/90-08/10/91	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/03/90-08/10/91	5	1550.	1138.	1920.	280.	631520.	794.682	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	09/03/90-08/10/91	5 ##	25.	27.	35.	20.	57.5	7.583	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/03/90-08/10/91	5 ##	30.	28.	40.	20.	70.	8.367	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	09/03/90-08/10/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	09/03/90-08/10/91	5	57.	40.8	80.	1.	1326.2	36.417	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	09/03/90-08/10/91	5	4.	3.4	5.	1.5	3.175	1.782	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	09/03/90-08/10/91	5 ##	0.	0.1	0.25	0.	0.019	0.137	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	09/03/90-08/10/91	5 ##	15.	16.	20.	10.	17.5	4.183	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	09/03/90-08/10/91	5	8.6	7.52	9.9	4.9	5.932	2.436	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	09/03/90-08/10/91	5 ##	5.	7.	10.	5.	7.5	2.739	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/03/90-08/10/91	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	09/03/90-08/10/91	5	50.	56.4	68.	48.	94.8	9.737	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/03/90-08/10/91	5	5.	34.6	160.	1.	4919.3	70.138	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	09/03/90-08/10/91	5	920.	638.	1200.	50.	294720.	542.881	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/03/90-08/10/91	5 ##	1.5	1.5	2.	1.	0.25	0.5	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/03/90-08/10/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	09/03/90-08/10/91	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/03/90-08/10/91	5 ##	1.5	1.6	2.	1.	0.175	0.418	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/03/90-08/10/91	5	51.	40.6	58.	19.	377.3	19.424	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	09/03/90-08/10/91	5 ##	2.5	2.7	3.	2.5	0.075	0.274	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	09/03/90-08/10/91	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/10/91-08/10/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	09/03/90-08/10/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	09/03/90-08/10/91	5	9030.	8916.	9270.	8420.	108980.	330.121	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	09/03/90-08/25/92	2	1.005	1.005	1.25	0.76	0.12	0.346	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	09/03/90-08/10/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
80279	BOD, CARBONACEOUS,5 DAY, AND NH3-N,TOT,IN WTR,MG/L	08/10/91-08/10/91	1	19.	19.	19.	19.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/03/90-08/25/92	2	2.95	2.95	4.	1.9	2.205	1.485	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0208

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	1	0.33	3	1	0.33									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	5	0	0.00	5	0	0.00									
		Drinking Water	50.	5	0	0.00	5	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	5	0	0.00	5	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	5	0	0.00	5	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	5	0	0.00	5	0	0.00									
		Drinking Water	4.	5	0	0.00	5	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	5	0	0.00	5	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	5	0	0.00	5	0	0.00									
		Drinking Water	100.	5	0	0.00	5	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	5	0	0.00	5	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0208

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	5	1	0.20	5	1	0.20									
		Drinking Water	5000.	5	0	0.00	5	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	5	0	0.00	5	0	0.00									
		Drinking Water	5.	5	0	0.00	5	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	5	0	0.00	5	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	5	0	0.00	5	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	5	0	0.00	5	0	0.00									
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	5	0	0.00	5	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: KATM0209

NPS Station ID: KATM0209
LAT/LON: 58.539309/-155.814643
Agency: 11NPSWRD
Date Created: 03/13/99
Location: BROOKS LAKE STATION 1
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_UMDF_BL1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 16
Aquifer:
Major Basin: ALASKA
Elevation: 19
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE BOUNDARIES OF KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS AT BROOKS LAKE AND IS ASSUMED TO BE NEAR THE EASTERN HALF OF THE LAKE. COMPOSITE DATA WERE COLLECTED AT THIS SITE BETWEEN 4 JULY 1957 AND 3 SEPTEMBER 1957. VALUES REPRESENT A MEAN OVER DEPTH AND TIME. PARAMETERS WERE ASSUMED TO BE MEASURED AS TOTAL AND NITRITE WAS ASSUMED TO BE MEASURED AS NITROGEN. DATA ARE SUMMARIZED IN A 1960 REPORT BY CHARLES R. GOLDMAN TITLED "PRIMARY PRODUCTIVITY AND LIMITING FACTORS IN THREE LAKES OF THE ALASKA PENINSULA." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0209

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: KATM0210

NPS Station ID: KATM0210 | LAT/LON: 58.548310/-155.815921 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BROOKS LAKE STREAM 7 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_BR7
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BROOKS LAKE STREAM 5 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	09/03/90-09/03/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/03/90-09/03/90	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/90-09/03/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/90-09/03/90	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/03/90-09/03/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/03/90-09/03/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/03/90-09/03/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/03/90-09/03/90	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/90-09/03/90	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/03/90-09/03/90	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/90-09/03/90	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/03/90-09/03/90	2	19.7	19.7	20.1	19.3	0.32	0.566	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	09/03/90-09/03/90	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	09/03/90-09/03/90	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	09/03/90-09/03/90	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/03/90-09/03/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/03/90-09/03/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/03/90-09/03/90	2 ##	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	09/03/90-09/03/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/03/90-09/03/90	2	970.	970.	980.	960.	200.	14.142	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	09/03/90-09/03/90	2 ##	37.5	37.5	40.	35.	12.5	3.536	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/03/90-09/03/90	2 ##	35.	35.	40.	30.	50.	7.071	**	**	**	**

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

Parameter Inventory for Station: KATM0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	09/03/90-09/03/90	2 ##	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	09/03/90-09/03/90	2 ##	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	09/03/90-09/03/90	2 ##	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	09/03/90-09/03/90	2 ##	0.275	0.275	0.3	0.25	0.001	0.035	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	09/03/90-09/03/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	09/03/90-09/03/90	2	8.15	8.15	8.3	8.	0.045	0.212	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	09/03/90-09/03/90	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/03/90-09/03/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	09/03/90-09/03/90	2	91.	91.	92.	90.	2.	1.414	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/03/90-09/03/90	2	15.5	15.5	19.	12.	24.5	4.95	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	09/03/90-09/03/90	2 ##	32.5	32.5	50.	15.	612.5	24.749	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/03/90-09/03/90	2 ##	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/03/90-09/03/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	09/03/90-09/03/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/03/90-09/03/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/03/90-09/03/90	2	58.	58.	59.	57.	2.	1.414	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	09/03/90-09/03/90	2 ##	2.75	2.75	3.	2.5	0.125	0.354	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	09/03/90-09/03/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	09/03/90-09/03/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	09/03/90-09/03/90	2	6330.	6330.	6360.	6300.	1800.	42.426	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	09/03/90-09/03/90	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	09/03/90-09/03/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/03/90-09/03/90	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: KATM0210

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0211

NPS Station ID: KATM0211 | LAT/LON: 58.530560/-155.825477 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BROOKS LAKE 1992 SAMPLING STATION | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UAF_BR92
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BROOKS LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 8 AUGUST 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/92-08/08/92	10	12.4	11.92	12.6	8.1	1.897	1.377	8.44	12.1	12.5	12.59
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/08/92-08/08/92	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/08/92-08/08/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/08/92-08/08/92	10	72.5	67.8	74.	40.	112.178	10.591	42.2	65.	74.	74.
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/08/92-08/08/92	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/08/92-08/08/92	10	10.5	10.64	11.7	10.5	0.143	0.378	10.5	10.5	10.55	11.6
00406	PH, FIELD, STANDARD UNITS SU	08/08/92-08/08/92	10	7.2	7.23	7.3	7.2	0.002	0.048	7.2	7.2	7.3	7.3
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/08/92-08/08/92	10	7.2	7.228	7.3	7.2	0.002	0.048	7.2	7.2	7.3	7.3
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/92-08/08/92	10	0.063	0.059	0.063	0.05	0.	0.006	0.05	0.05	0.063	0.063
00440	BICARBONATE ION (MG/L AS HCO3)	08/08/92-08/08/92	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/08/92-08/08/92	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/08/92-08/08/92	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/08/92-08/08/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/08/92-08/08/92	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/08/92-08/08/92	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/08/92-08/08/92	3	8.	7.967	8.	7.9	0.003	0.058	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/08/92-08/08/92	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/08/92-08/08/92	3	4.	4.	4.	4.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/08/92-08/08/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/08/92-08/08/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/08/92-08/08/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/08/92-08/08/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/08/92-08/08/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/08/92-08/08/92	3	20.	20.667	23.	19.	4.333	2.082	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/08/92-08/08/92	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/08/92-08/08/92	3 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/08/92-08/08/92	3 ##	30.	30.	30.	30.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/08/92-08/08/92	3	3.	3.	3.	3.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/08/92-08/08/92	3 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/08/92-08/08/92	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/08/92-08/08/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/08/92-08/08/92	3	2.1	2.167	2.5	1.9	0.093	0.306	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/08/92-08/08/92	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/08/92-08/08/92	3 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/08/92-08/08/92	3	27.	27.	27.	27.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/08/92-08/08/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/08/92-08/08/92	3 ##	25.	50.	100.	25.	1875.	43.301	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/08/92-08/08/92	3 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/08/92-08/08/92	3	60.	60.	60.	60.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/08/92-08/08/92	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/08/92-08/08/92	3 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/08/92-08/08/92	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/08/92-08/08/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/08/92-08/08/92	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/08/92-08/08/92	3 ##	15.	20.	30.	15.	75.	8.66	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/08/92-08/08/92	3 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/08/92-08/08/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/08/92-08/08/92	3	3700.	3733.333	3800.	3700.	3333.333	57.735	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/08/92-08/08/92	1	0.183	0.183	0.183	0.183	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/08/92-08/08/92	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/08/92-08/08/92	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0211

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	10	0	0.00	10	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	10	0	0.00	10	0	0.00									
		Other-Lo Lim.	6.5	10	0	0.00	10	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	0 &	0	0.00												
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	3	3	1.00	3	3	1.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0211

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0212

NPS Station ID: KATM0212 | LAT/LON: 58.510504/-155.835393 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BROOKS LAKE 1991 SAMPLING STATION | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UAF_BR91
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BROOKS LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 4 AUGUST 1991 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/91-08/04/91	10	11.35	11.37	12.7	9.8	0.793	0.891	9.85	10.9	12.175	12.67
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/04/91-08/04/91	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/04/91-08/04/91	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/91-08/04/91	10	71.	69.7	72.	65.	7.567	2.751	65.	67.25	72.	72.
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/04/91-08/04/91	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/04/91-08/04/91	10	10.1	10.09	10.3	10.	0.01	0.099	10.	10.	10.125	10.29
00406	PH, FIELD, STANDARD UNITS SU	08/04/91-08/04/91	10	7.5	7.51	7.6	7.5	0.001	0.032	7.5	7.5	7.5	7.59
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/04/91-08/04/91	10	7.5	7.509	7.6	7.5	0.001	0.032	7.5	7.5	7.5	7.59
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/91-08/04/91	10	0.032	0.031	0.032	0.025	0.	0.002	0.026	0.032	0.032	0.032
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/91-08/04/91	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/04/91-08/04/91	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/04/91-08/04/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/04/91-08/04/91	3 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/91-08/04/91	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/04/91-08/04/91	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/91-08/04/91	3	7.8	7.8	8.	7.6	0.04	0.2	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/04/91-08/04/91	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/04/91-08/04/91	3	4.	3.667	4.	3.	0.333	0.577	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/04/91-08/04/91	3	0.9	0.867	1.	0.7	0.023	0.153	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/91-08/04/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/91-08/04/91	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/04/91-08/04/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/04/91-08/04/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/04/91-08/04/91	3	17.	17.	18.	16.	1.	1.	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/04/91-08/04/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/04/91-08/04/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/04/91-08/04/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/04/91-08/04/91	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/04/91-08/04/91	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/04/91-08/04/91	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/04/91-08/04/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/04/91-08/04/91	3	2.2	2.2	2.3	2.1	0.01	0.1	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/04/91-08/04/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/04/91-08/04/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/04/91-08/04/91	3	27.	27.	28.	26.	1.	1.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/04/91-08/04/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/04/91-08/04/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/04/91-08/04/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/04/91-08/04/91	3	40.	40.	40.	40.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/04/91-08/04/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/04/91-08/04/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/04/91-08/04/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/04/91-08/04/91	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/04/91-08/04/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/04/91-08/04/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/04/91-08/04/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/04/91-08/04/91	3	4060.	4063.333	4190.	3940.	15633.333	125.033	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/04/91-08/04/91	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/04/91-08/04/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/04/91-08/04/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0212

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	10	0	0.00	10	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	10	0	0.00	10	0	0.00									
		Other-Lo Lim.	6.5	10	0	0.00	10	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	3	3	1.00	3	3	1.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0212

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0213

NPS Station ID: KATM0213
LAT/LON: 58.531282/-155.851810
Agency: 11NPSWRD
Date Created: 03/13/99
Location: BROOKS LAKE STATION 2
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_UMDF_BL2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 114
Aquifer:
Major Basin: ALASKA
Elevation: 19
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE BOUNDARIES OF KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS AT BROOKS LAKE AND IS ASSUMED TO BE NEAR THE EASTERN HALF OF THE LAKE. COMPOSITE DATA WERE COLLECTED AT THIS SITE BETWEEN 4 JULY 1957 AND 3 SEPTEMBER 1957. VALUES REPRESENT A MEAN OVER DEPTH AND TIME. PARAMETERS WERE ASSUMED TO BE MEASURED AS TOTAL AND NITRITE WAS ASSUMED TO BE MEASURED AS NITROGEN. DATA ARE SUMMARIZED IN A 1960 REPORT BY CHARLES R. GOLDMAN TITLED "PRIMARY PRODUCTIVITY AND LIMITING FACTORS IN THREE LAKES OF THE ALASKA PENINSULA." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0213

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: KATM0214

NPS Station ID: KATM0214 | LAT/LON: 58.493809/-155.860866 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: ONE-SHOT-CREEK/BROOKS LAKE STREAM 3 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_BR3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT ONE-SHOT-CREEK (BROOKS LAKE STREAM 3) INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 3 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	09/04/90-08/25/92	3	26.	25.	27.	22.	7.	2.646	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/90-08/25/92	3	6.9	6.533	7.	5.7	0.523	0.723	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/04/90-08/25/92	3	0.8	0.867	1.	0.8	0.013	0.115	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/04/90-08/25/92	3	19.	16.667	21.	10.	34.333	5.859	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/10/91-08/25/92	2 ##	9.	9.	18.	0.	162.	12.728	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/91-08/25/92	2	84.	84.	88.	80.	32.	5.657	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/90-09/04/90	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/04/90-08/25/92	3	7.5	6.977	7.7	5.73	1.176	1.084	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/04/90-08/25/92	3	7.5	6.195	7.7	5.73	2.092	1.446	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/90-08/25/92	3	0.032	0.638	1.862	0.02	1.124	1.06	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/04/90-08/25/92	3	30.	30.333	32.	29.	2.333	1.528	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/04/90-08/10/91	2	14.05	14.05	28.	0.1	389.205	19.728	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/10/91-08/10/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/10/91-08/10/91	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/10/91-08/25/92	2	0.215	0.215	0.27	0.16	0.006	0.078	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/10/91-08/10/91	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/25/92-08/25/92	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/25/92-08/25/92	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/04/90-08/10/91	5 ##	45.	57.	100.	45.	582.5	24.135	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/04/90-08/25/92	3	0.01	0.012	0.023	0.002	0.	0.011	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/10/91-08/10/91	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/04/90-08/10/91	5	9.7	9.66	10.	9.3	0.073	0.27	**	**	**	**

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

Parameter Inventory for Station: KATM0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	09/04/90-08/10/91	5	2.	3.2	8.	2.	7.2	2.683	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	09/04/90-08/10/91	5	3.	3.2	4.	3.	0.2	0.447	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	09/04/90-08/10/91	5	0.7	0.65	0.9	0.25	0.078	0.278	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/04/90-08/25/92	3	10.	12.333	25.	2.	136.333	11.676	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/04/90-08/25/92	3 ##	0.	7.333	22.	0.	161.333	12.702	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/04/90-08/10/91	5 ##	20.	21.	25.	20.	5.	2.236	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	09/04/90-08/10/91	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/04/90-08/10/91	5	803.	600.	816.	280.	82721.5	287.613	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	09/04/90-08/10/91	5 ##	25.	30.	40.	25.	50.	7.071	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/04/90-08/10/91	5 ##	40.	38.	40.	30.	20.	4.472	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	09/04/90-08/10/91	5 ##	20.	21.	25.	20.	5.	2.236	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	09/04/90-08/10/91	5	30.	20.3	33.	1.5	258.95	16.092	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	09/04/90-08/10/91	5 ##	1.5	1.6	2.	1.5	0.05	0.224	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	09/04/90-08/10/91	5 ##	0.25	1.11	5.	0.	4.748	2.179	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	09/04/90-08/10/91	5 ##	10.	12.	15.	10.	7.5	2.739	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	09/04/90-08/10/91	5	7.5	6.38	7.6	4.4	2.527	1.59	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	09/04/90-08/10/91	5 ##	5.	6.	10.	5.	5.	2.236	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/04/90-08/10/91	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	09/04/90-08/10/91	5	37.	36.4	37.	35.	0.8	0.894	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/04/90-08/10/91	5	3.	10.	27.	1.	126.	11.225	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	09/04/90-08/10/91	5	550.	357.	590.	15.	85520.	292.438	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/04/90-08/10/91	5 ##	1.5	1.6	2.	1.5	0.05	0.224	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/04/90-08/10/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	09/04/90-08/10/91	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/04/90-08/10/91	5 ##	1.	1.2	1.5	1.	0.075	0.274	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/04/90-08/10/91	5	28.	24.6	29.	18.	31.3	5.595	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	09/04/90-08/10/91	5 ##	2.5	2.6	3.	2.5	0.05	0.224	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	09/04/90-08/10/91	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/10/91-08/10/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	09/04/90-08/10/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	09/04/90-08/10/91	5	8090.	7958.	8110.	7610.	48120.	219.363	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	09/04/90-08/25/92	2	0.645	0.645	0.91	0.38	0.14	0.375	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	09/04/90-08/10/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
80279	BOD, CARBONACEOUS,5 DAY, AND NH3-N,TOT,IN WTR,MG/L	08/10/91-08/10/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/04/90-08/25/92	2	0.8	0.8	1.	0.6	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: KATM0214

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	1	0.33	3	1	0.33									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	5	0	0.00	5	0	0.00									
		Drinking Water	50.	5	0	0.00	5	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	5	0	0.00	5	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	5	0	0.00	5	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	5	0	0.00	5	0	0.00									
		Drinking Water	4.	5	1	0.20	5	1	0.20									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	5	0	0.00	5	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	5	0	0.00	5	0	0.00									
		Drinking Water	100.	5	0	0.00	5	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	5	0	0.00	5	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0214

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	5	0	0.00	5	0	0.00									
		Drinking Water	5000.	5	0	0.00	5	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	5	0	0.00	5	0	0.00									
		Drinking Water	5.	5	0	0.00	5	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	5	0	0.00	5	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	5	0	0.00	5	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	5	0	0.00	5	0	0.00									
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	5	0	0.00	5	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: KATM0215

NPS Station ID: KATM0215 LAT/LON: 58.493809/-155.860866 Agency: 11NPSWRD Date Created: 03/13/99
Location: ONE-SHOT-CREEK NEAR BROOKS LAKE INLET FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_UCB_OSC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT ONE-SHOT CREEK AND IS ASSUMED TO BE NEAR THE BROOKS LAKE INLET. DATA COLLECTED IN JULY 1985 REPRESENT COMPOSITE SAMPLES. DATA COLLECTED ON 19 AUGUST 1984 DO NOT REPRESENT COMPOSITE SAMPLES. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/19/84-08/19/84	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/19/84-08/19/84	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/84-08/19/84	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/84-07/01/85	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/84-08/19/84	1	3.	3.	3.	3.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0215

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0216

NPS Station ID: KATM0216 | LAT/LON: 58.637559/-155.865143 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NAKNEK LAKE 1990-1992 SAMPLING STATIONS | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UAF_NK
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT NAKNEK LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 9 AUGUST 1990; 4 AUGUST 1991; AND 4 AUGUST 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/90-08/04/92	35	11.4	10.56	12.5	5.7	4.563	2.136	6.6	9.7	12.3	12.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/09/90-08/04/92	3	6.2	5.3	6.5	3.2	3.33	1.825	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/09/90-08/04/92	3	13.	17.	33.	5.	208.	14.422	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/90-08/04/92	35	137.	135.371	143.	112.	64.476	8.03	120.8	133.	141.	143.
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/09/90-08/04/92	3	25.	23.333	29.	16.	44.333	6.658	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/09/90-08/04/92	35	10.7	10.651	11.6	10.	0.203	0.45	10.16	10.2	11.	11.4
00406	PH, FIELD, STANDARD UNITS SU	08/09/90-08/04/92	35	7.3	7.323	7.8	7.	0.049	0.222	7.1	7.1	7.5	7.64
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/09/90-08/04/92	35	7.3	7.273	7.8	7.	0.052	0.228	7.1	7.1	7.5	7.64
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/90-08/04/92	35	0.05	0.053	0.1	0.016	0.001	0.024	0.023	0.032	0.079	0.079
00440	BICARBONATE ION (MG/L AS HCO3)	08/09/90-08/04/92	3	38.	37.	38.	35.	3.	1.732	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/04/91-08/04/92	2	0.165	0.165	0.24	0.09	0.011	0.106	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/04/91-08/04/92	2	0.14	0.14	0.18	0.1	0.003	0.057	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/09/90-08/04/92	9 ##	50.	59.444	100.	45.	534.028	23.109	45.	45.	75.	100.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/90-08/04/92	3	0.005	0.005	0.007	0.002	0.	0.003	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/04/91-08/04/92	2	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/09/90-08/04/92	9	17.2	16.967	17.5	16.	0.242	0.492	16.	16.65	17.25	17.5
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/09/90-08/04/92	9	2.	2.333	3.	2.	0.25	0.5	2.	2.	3.	3.
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/09/90-08/04/92	9	7.	6.778	7.	6.	0.194	0.441	6.	6.5	7.	7.
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/09/90-08/04/92	9 ##	0.5	0.528	1.	0.2	0.061	0.246	0.2	0.375	0.65	1.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/90-08/04/92	3	13.	11.	15.	5.	28.	5.292	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/09/90-08/04/92	3	29.	28.667	30.	27.	2.333	1.528	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/09/90-08/04/92	9 ##	20.	30.556	50.	20.	215.278	14.672	20.	20.	50.	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 time series plot

Parameter Inventory for Station: KATM0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/09/90-08/04/92	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/90-08/04/92	9	43.	46.556	140.	10.	1534.778	39.176	10.	22.	57.	140.
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/09/90-08/04/92	9 ##	40.	36.667	50.	20.	156.25	12.5	20.	22.5	50.	50.
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/09/90-08/04/92	9 ##	40.	54.444	100.	20.	1227.778	35.04	20.	25.	100.	100.
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/09/90-08/04/92	9 ##	25.	24.444	30.	20.	21.528	4.64	20.	20.	30.	30.
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/09/90-08/04/92	9 ##	1.5	1.278	1.5	1.	0.069	0.264	1.	1.	1.5	1.5
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/09/90-08/04/92	9 ##	2.	2.111	3.	1.5	0.486	0.697	1.5	1.5	3.	3.
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/09/90-08/04/92	9 ##	0.25	0.222	0.3	0.1	0.006	0.075	0.1	0.15	0.275	0.3
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/09/90-08/04/92	9	50.	47.778	60.	40.	44.444	6.667	40.	40.	50.	60.
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/09/90-08/04/92	9	4.2	4.144	4.6	3.8	0.055	0.235	3.8	3.95	4.25	4.6
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/09/90-08/04/92	9 ##	5.	8.889	15.	5.	23.611	4.859	5.	5.	15.	15.
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/90-08/04/92	9 ##	5.	4.667	5.	4.	0.25	0.5	4.	4.	5.	5.
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/09/90-08/04/92	9	47.	47.222	49.	46.	0.944	0.972	46.	46.5	48.	49.
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/09/90-08/04/92	9 ##	2.5	6.056	32.	1.	99.59	9.979	1.	1.	6.5	32.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/09/90-08/04/92	9	50.	73.333	260.	15.	5506.25	74.204	15.	32.5	85.	260.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/09/90-08/04/92	9 ##	1.5	2.111	3.5	1.	1.174	1.083	1.	1.25	3.5	3.5
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/90-08/04/92	9 ##	20.	23.333	30.	20.	25.	5.	20.	20.	30.	30.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/09/90-08/04/92	9 ##	5.	10.	20.	5.	56.25	7.5	5.	5.	20.	20.
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/09/90-08/04/92	9 ##	1.5	2.5	8.	1.	5.25	2.291	1.	1.	3.5	8.
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/09/90-08/04/92	9 ##	1.	1.222	3.	0.5	0.632	0.795	0.5	0.75	1.5	3.
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/09/90-08/04/92	9 ##	2.5	3.389	5.	2.5	1.486	1.219	2.5	2.5	5.	5.
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/09/90-08/04/92	9	11.	9.556	12.	4.	7.278	2.698	4.	7.5	11.5	12.
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/04/91-08/04/92	6 ##	12.5	10.833	15.	5.	24.167	4.916	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/09/90-08/04/92	9 ##	20.	28.333	45.	20.	156.25	12.5	20.	20.	45.	45.
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/09/90-08/04/92	2	0.7	0.7	0.9	0.5	0.08	0.283	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/09/90-08/04/92	9	3670.	3644.444	3890.	3400.	30177.778	173.718	3400.	3500.	3805.	3890.
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/09/90-08/04/92	3	0.186	0.21	0.288	0.156	0.005	0.069	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/09/90-08/04/92	9 ##	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/09/90-08/04/92	3	1.3	1.3	1.8	0.8	0.25	0.5	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0216

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	35	0	0.00	35	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	35	0	0.00	35	0	0.00									
		Other-Lo Lim.	6.5	35	0	0.00	35	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	9	0	0.00	9	0	0.00									
		Drinking Water	50.	6 &	0	0.00	6	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	6 &	0	0.00	6	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	9	0	0.00	9	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	9	0	0.00	9	0	0.00									
		Drinking Water	4.	9	0	0.00	9	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	9	0	0.00	9	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	9	0	0.00	9	0	0.00									
		Drinking Water	100.	9	0	0.00	9	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	3 &	0	0.00	3	0	0.00									
		Drinking Water	100.	9	0	0.00	9	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	9	0	0.00	9	0	0.00									
		Drinking Water	5000.	9	0	0.00	9	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	9	0	0.00	9	0	0.00									
		Drinking Water	5.	9	0	0.00	9	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	9	0	0.00	9	0	0.00									
		Drinking Water	15.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: KATM0216

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	9	0	0.00	9	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	9	0	0.00	9	0	0.00									
		Drinking Water	1300.	9	0	0.00	9	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	9	0	0.00	9	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	3	0	0.00	3	0	0.00									

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

Station Inventory for Station: KATM0217

NPS Station ID: KATM0217 | LAT/LON: 58.528253/-155.894088 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BROOKS LAKE STATION 3 | | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | | STORET Station ID(s): KATM_UMDF_BL3
RMI-Indexes: | | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 213 | Aquifer:
Major Basin: ALASKA | Elevation: 19 | Water Body Id:
Minor Basin: BRISTOL BAY | | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE BOUNDARIES OF KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS AT BROOKS LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. COMPOSITE DATA WERE COLLECTED AT THIS SITE BETWEEN 4 JULY 1957 AND 3 SEPTEMBER 1957. VALUES REPRESENT A MEAN OVER DEPTH AND TIME. PARAMETERS WERE ASSUMED TO BE MEASURED AS TOTAL AND NITRITE WAS ASSUMED TO BE MEASURED AS NITROGEN. DATA ARE SUMMARIZED IN A 1960 REPORT BY CHARLES R. GOLDMAN TITLED "PRIMARY PRODUCTIVITY AND LIMITING FACTORS IN THREE LAKES OF THE ALASKA PENINSULA." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0217

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: KATM0218

NPS Station ID: KATM0218 | LAT/LON: 58.511838/-155.897949 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BROOKS LAKE 1990 SAMPLING STATION | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UAF_BR90
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BROOKS LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 9 AUGUST 1990 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/90-08/09/90	12	11.25	10.625	12.4	8.4	2.382	1.543	8.4	8.675	11.775	12.37
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/09/90-08/09/90	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/09/90-08/09/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/90-08/09/90	12	72.	70.	75.	61.	24.909	4.991	61.3	65.75	74.	74.7
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/09/90-08/09/90	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/09/90-08/09/90	12	10.15	10.333	11.	10.	0.17	0.412	10.	10.	10.8	11.
00406	PH, FIELD, STANDARD UNITS SU	08/09/90-08/09/90	12	7.5	7.517	7.7	7.3	0.011	0.103	7.33	7.5	7.6	7.67
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/09/90-08/09/90	12	7.5	7.505	7.7	7.3	0.011	0.104	7.33	7.5	7.6	7.67
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/90-08/09/90	12	0.032	0.031	0.05	0.02	0.	0.008	0.022	0.025	0.032	0.047
00440	BICARBONATE ION (MG/L AS HCO3)	08/09/90-08/09/90	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/09/90-08/09/90	3 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/90-08/09/90	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/09/90-08/09/90	3	8.	8.133	8.5	7.9	0.103	0.321	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/09/90-08/09/90	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/09/90-08/09/90	3	4.	4.	4.	4.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/09/90-08/09/90	3	0.7	0.55	0.7	0.25	0.067	0.26	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/90-08/09/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/09/90-08/09/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/09/90-08/09/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/09/90-08/09/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/09/90-08/09/90	3	35.	49.	92.	20.	1443.	37.987	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/09/90-08/09/90	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/09/90-08/09/90	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/09/90-08/09/90	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/09/90-08/09/90	3	3.	3.	3.	3.	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/09/90-08/09/90	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/09/90-08/09/90	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/09/90-08/09/90	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/09/90-08/09/90	3	2.1	2.067	2.2	1.9	0.023	0.153	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/09/90-08/09/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/09/90-08/09/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/09/90-08/09/90	3	28.	28.333	29.	28.	0.333	0.577	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/09/90-08/09/90	3 ##	1.5	1.667	2.	1.5	0.083	0.289	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/09/90-08/09/90	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/09/90-08/09/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/09/90-08/09/90	3	40.	40.	40.	40.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/09/90-08/09/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/09/90-08/09/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/09/90-08/09/90	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/09/90-08/09/90	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/09/90-08/09/90	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/09/90-08/09/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/09/90-08/09/90	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/09/90-08/09/90	3	4620.	4666.667	4800.	4580.	13733.333	117.189	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/09/90-08/09/90	1	0.164	0.164	0.164	0.164	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/09/90-08/09/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/09/90-08/09/90	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: KATM0218

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	12	0	0.00	12	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	12	0	0.00	12	0	0.00									
		Other-Lo Lim.	6.5	12	0	0.00	12	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	3	3	1.00	3	3	1.00									
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0218

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0219

NPS Station ID: KATM0219
LAT/LON: 59.328893/-155.899170
Agency: 112WRD
Date Created: / /
Location: KVICHAK R AT IGIUGIG AK
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 15300500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 19030206
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 19030206
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: KATM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/67-09/26/72	8	5.	4.375	9.	0.	11.768	3.43	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/15/67-09/26/72	10	19650.	25690.	54100.	11300.	193316555.556	13903.832	11630.	14900.	37400.	52490.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/17/71-09/26/72	3	1.	1.	2.	0.	1.	1.	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	06/27/56-06/16/72	9	0.	2.778	10.	0.	13.194	3.632	0.	0.	5.	10.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/56-09/26/72	11	43.	43.909	59.	35.	34.091	5.839	36.	42.	45.	56.6
00400p	PH (STANDARD UNITS)	06/27/56-06/16/72	10	7.1	7.14	8.6	6.6	0.318	0.564	6.61	6.7	7.225	8.47
00400p	CONVERTED PH (STANDARD UNITS)	06/27/56-06/16/72	10	7.1	6.957	8.6	6.6	0.355	0.596	6.61	6.7	7.225	8.47
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/56-06/16/72	10	0.079	0.11	0.251	0.003	0.006	0.079	0.007	0.06	0.2	0.246
00405p	CARBON DIOXIDE (MG/L AS CO2)	06/27/56-06/16/72	9	2.4	2.656	5.7	0.1	3.01	1.735	0.1	1.65	3.8	5.7
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/27/56-06/16/72	9	15.	15.444	20.	13.	4.278	2.068	13.	14.	16.	20.
00440p	BICARBONATE ION (MG/L AS HCO3)	06/27/56-06/16/72	10	18.	18.7	25.	16.	6.456	2.541	16.	17.5	19.25	24.5
00445p	CARBONATE ION (MG/L AS CO3)	06/27/56-06/16/72	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/24/71-03/24/71	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/24/71-03/24/71	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/27/56-06/16/72	8	0.035	0.056	0.2	0.	0.004	0.064	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	06/27/56-06/16/72	10	17.	17.7	24.	16.	5.344	2.312	16.	16.75	18.	23.4
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/27/56-06/16/72	10	2.	2.3	4.	1.	1.344	1.16	1.	1.	3.25	4.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/56-06/16/72	9	5.6	5.978	8.4	5.2	1.062	1.031	5.2	5.35	6.4	8.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/56-06/16/72	9	0.7	0.7	0.9	0.1	0.058	0.24	0.1	0.7	0.85	0.9
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/27/56-06/16/72	9	1.5	1.511	1.7	1.2	0.021	0.145	1.2	1.45	1.6	1.7
00931p	SODIUM ADSORPTION RATIO	06/27/56-06/16/72	8	0.2	0.175	0.2	0.1	0.002	0.046	**	**	**	**
00932p	SODIUM, PERCENT	06/27/56-06/16/72	8	15.5	15.25	17.	12.	3.643	1.909	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/56-06/16/72	9	0.5	0.478	0.7	0.3	0.017	0.13	0.3	0.35	0.55	0.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	06/27/56-06/16/72	9	1.	1.489	3.	0.7	0.629	0.793	0.7	0.85	2.	3.
00945p	SULFATE, TOTAL (MG/L AS SO4)	06/27/56-06/16/72	9	4.	3.556	4.	2.	0.528	0.726	2.	3.	4.	4.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	06/27/56-06/16/72	9	0.	0.033	0.1	0.	0.003	0.05	0.	0.	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	06/27/56-06/16/72	9	1.6	1.6	2.2	0.9	0.16	0.4	0.9	1.35	1.95	2.2
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/11/72-02/11/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/11/72-02/11/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/11/72-02/11/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/11/72-02/11/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	02/11/72-02/11/72	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/11/72-02/11/72	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/07/71-03/29/72	3	20.	20.	40.	0.	400.	20.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	02/11/72-02/11/72	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/11/72-06/16/72	2	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/07/71-03/29/72	3	10.	10.	10.	10.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	02/11/72-02/11/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/11/72-02/11/72	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/11/72-02/11/72	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	03/24/71-03/24/71	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	03/24/71-03/24/71	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	03/24/71-03/24/71	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	03/24/71-03/24/71	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
09511	RADIUM 226, DISSOLVED, RADON METHOD	03/24/71-03/24/71	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/11/72-02/11/72	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/27/56-06/16/72	9	24.	24.889	32.	22.	8.111	2.848	22.	23.5	25.	32.
70302	SOLIDS, DISSOLVED-TONS PER DAY	06/15/67-06/16/72	6	1280.	1393.333	2570.	944.	363177.067	602.642	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/27/56-06/16/72	8	0.03	0.031	0.04	0.03	0.	0.004	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	03/29/72-03/29/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/27/56-06/16/72	9	0.2	0.3	0.9	0.	0.095	0.308	0.	0.1	0.55	0.9
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	06/27/56-04/03/57	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	06/27/56-10/03/67	4	90.	110.	260.	0.	17200.	131.149	**	**	**	**
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	03/24/71-03/24/71	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	03/24/71-03/24/71	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	03/24/71-03/24/71	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	03/24/71-03/24/71	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	03/24/71-03/24/71	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/15/67-03/22/68	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	06/15/67-03/22/68	2	58.5	58.5	86.	31.	1512.5	38.891	**	**	**	**

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

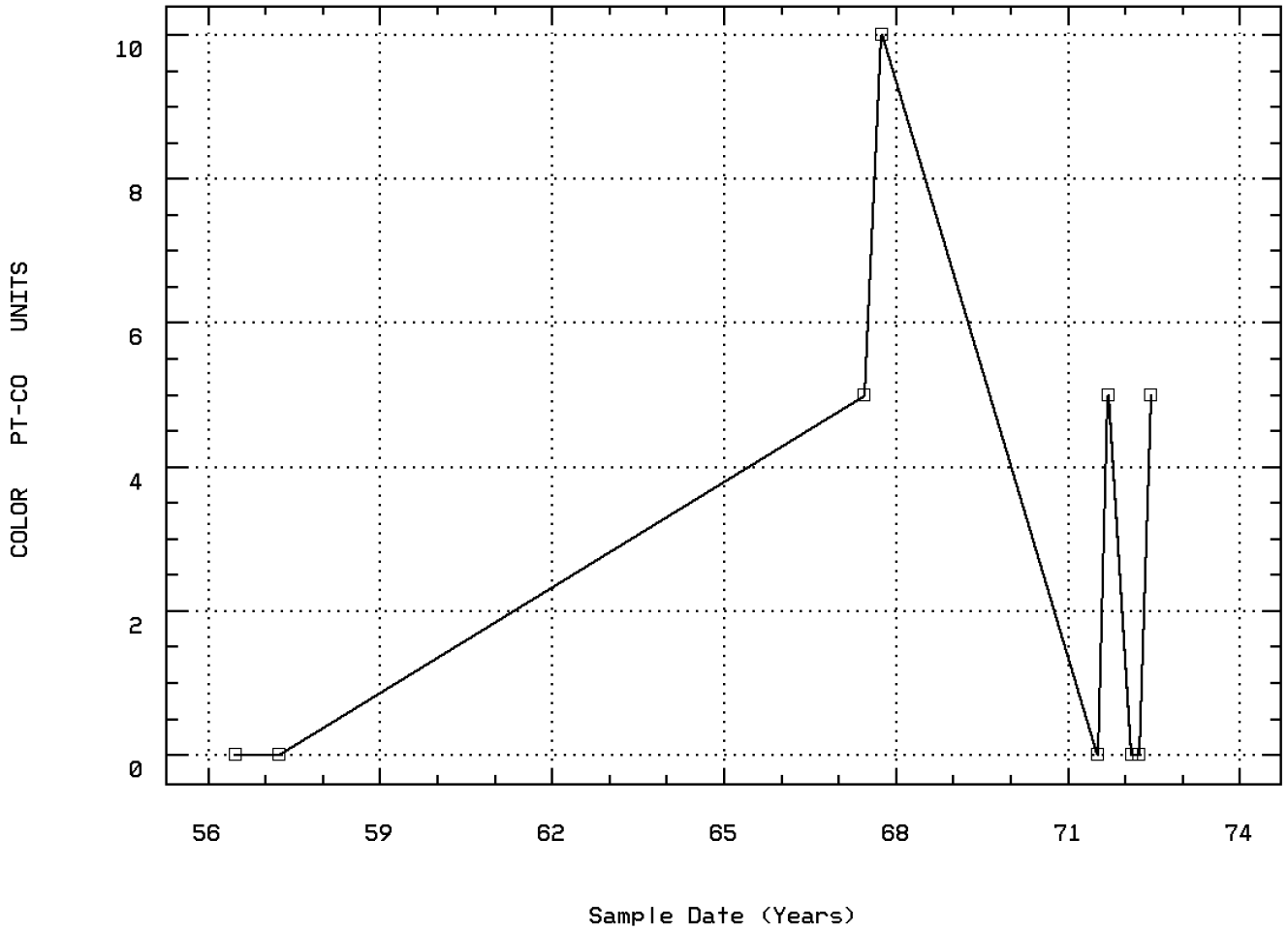
EPA Water Quality Criteria Analysis for Station: KATM0219

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00	2	0	0.00							1	0	0.00
00400	PH	Fresh Chronic	9.	10	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	8	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00
		Drinking Water	250.	9	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	9	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00				1	1	1.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	9	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00
80020	URANIUM, DISS. BY EXTRACTION FLUOROMETRI	Drinking Water	20.	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: KATM0219 Parameter Code: 00080

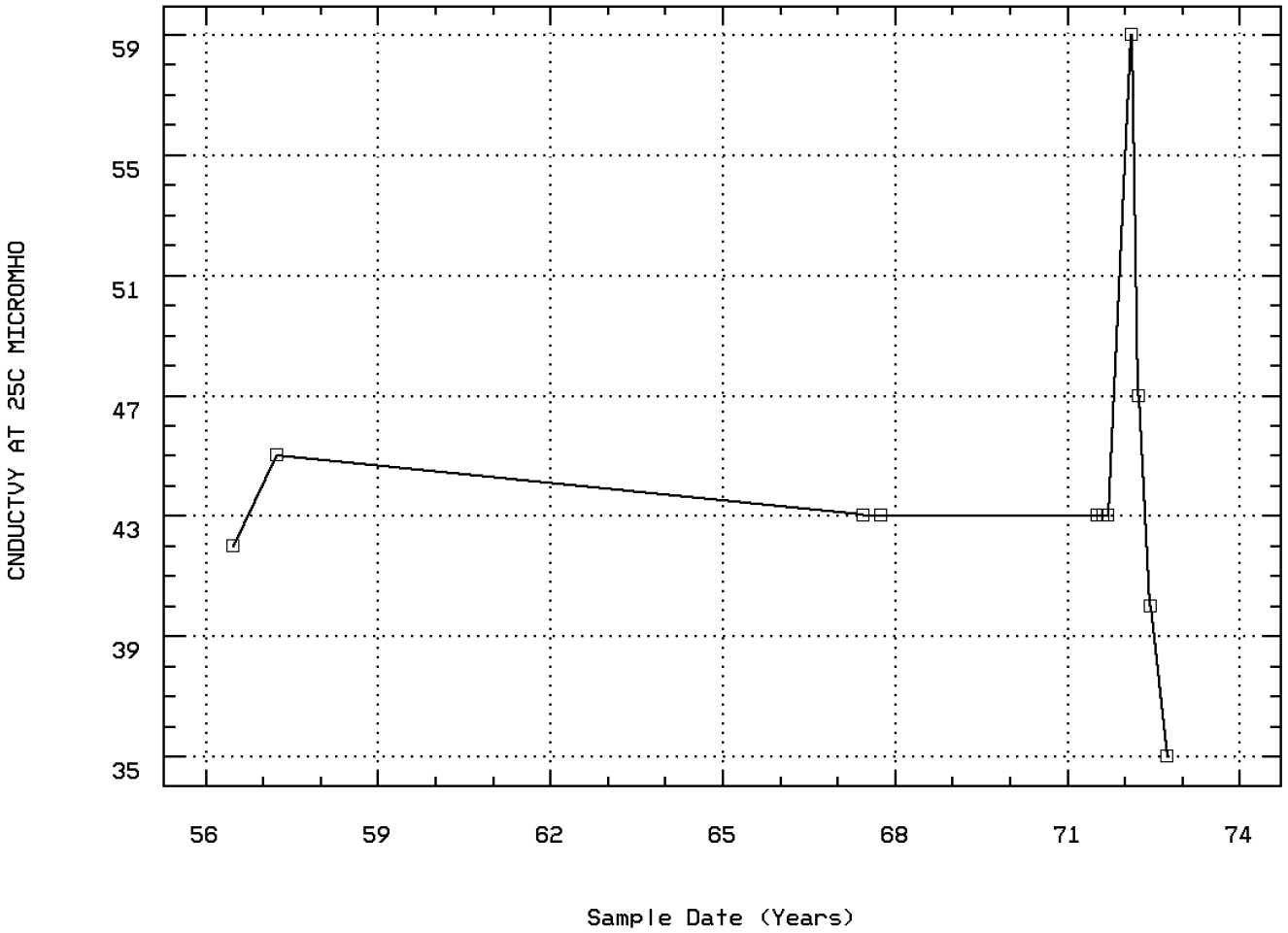
COLOR (PLATINUM-COBALT UNITS)



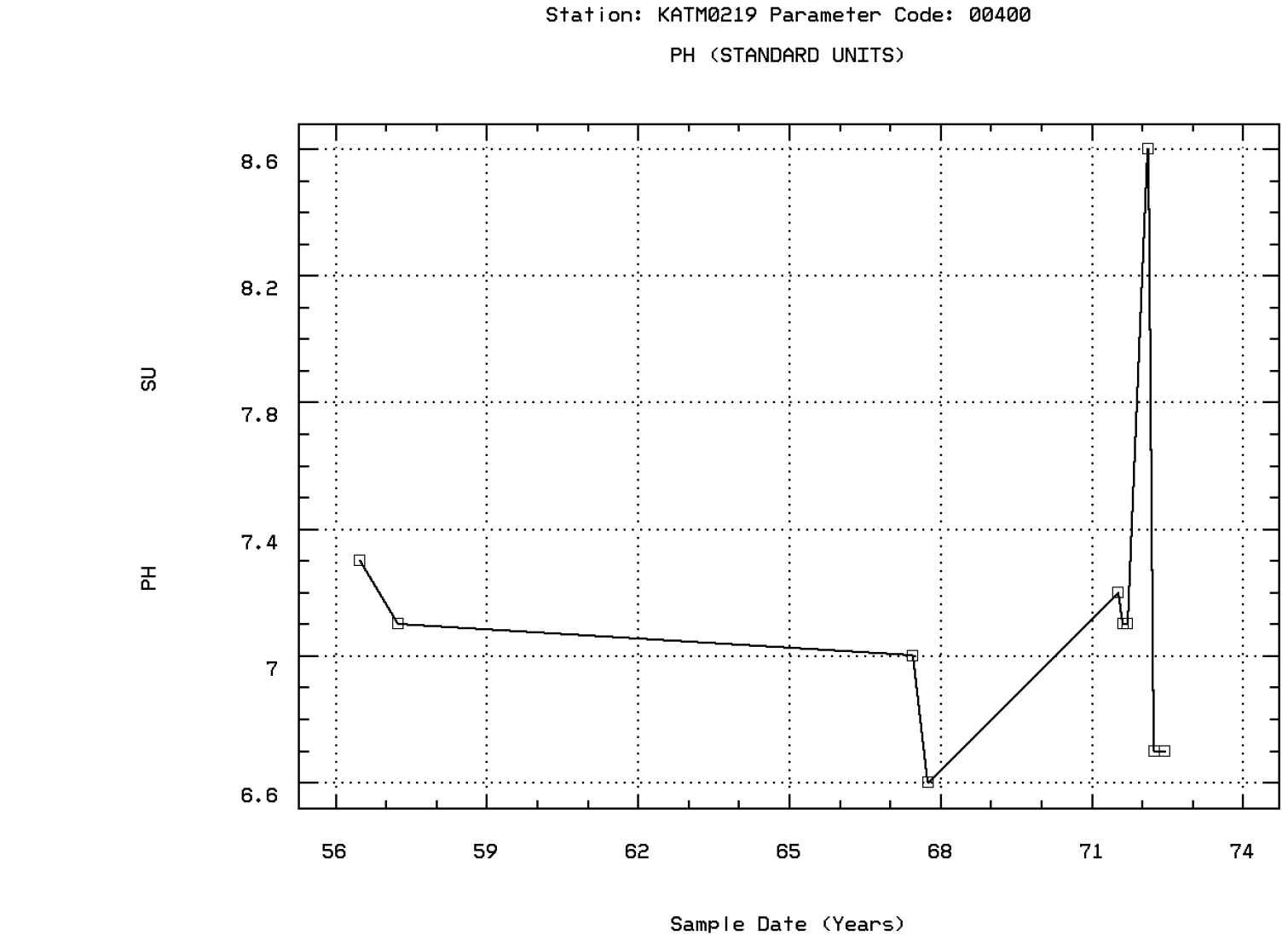
KVICHAK R AT IGIUGIG AK

Station: KATM0219 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



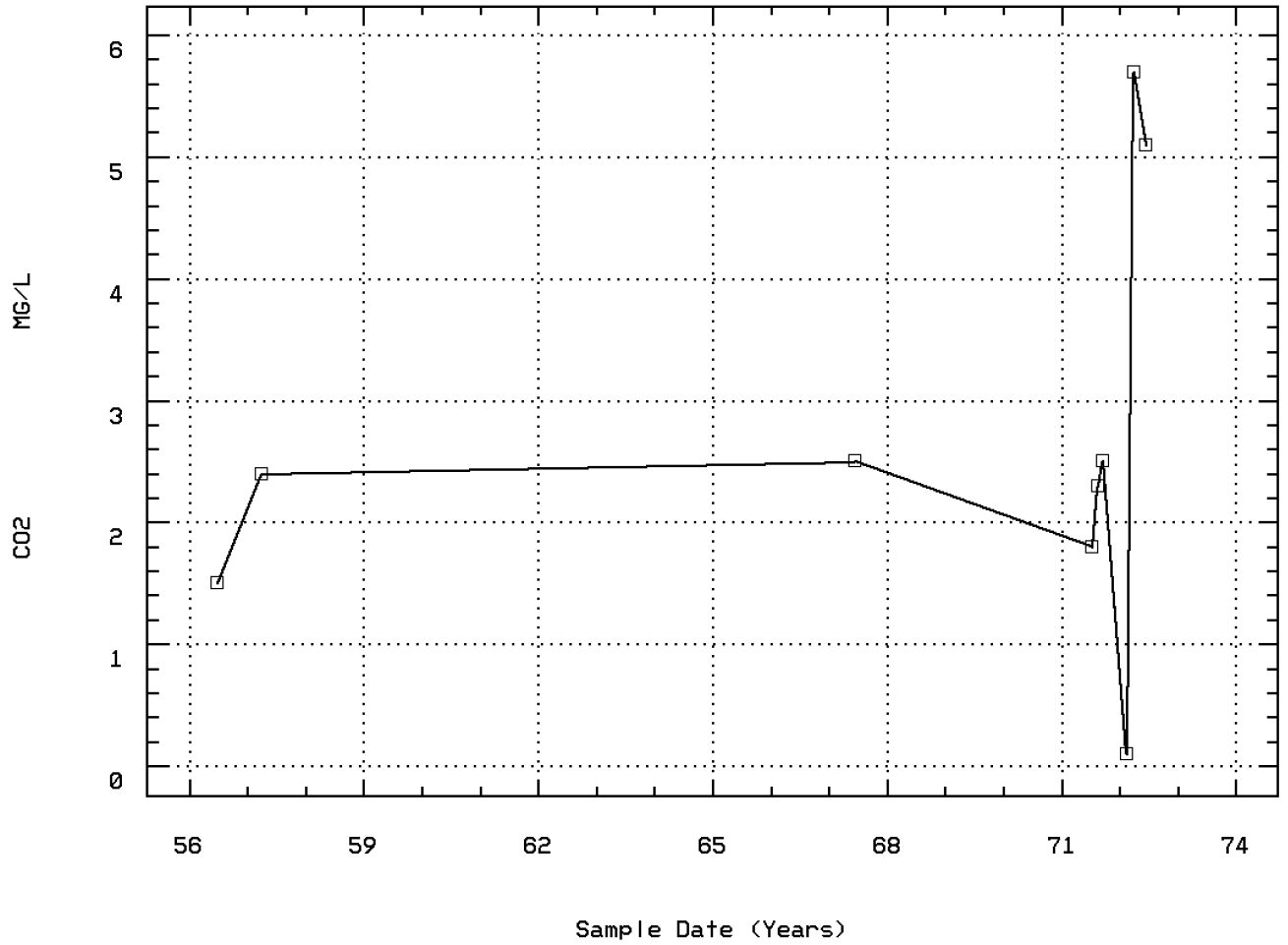
KVICHAK R AT IGIUGIG AK



KVICHAK R AT IGIUGIG AK

Station: KATM0219 Parameter Code: 00405

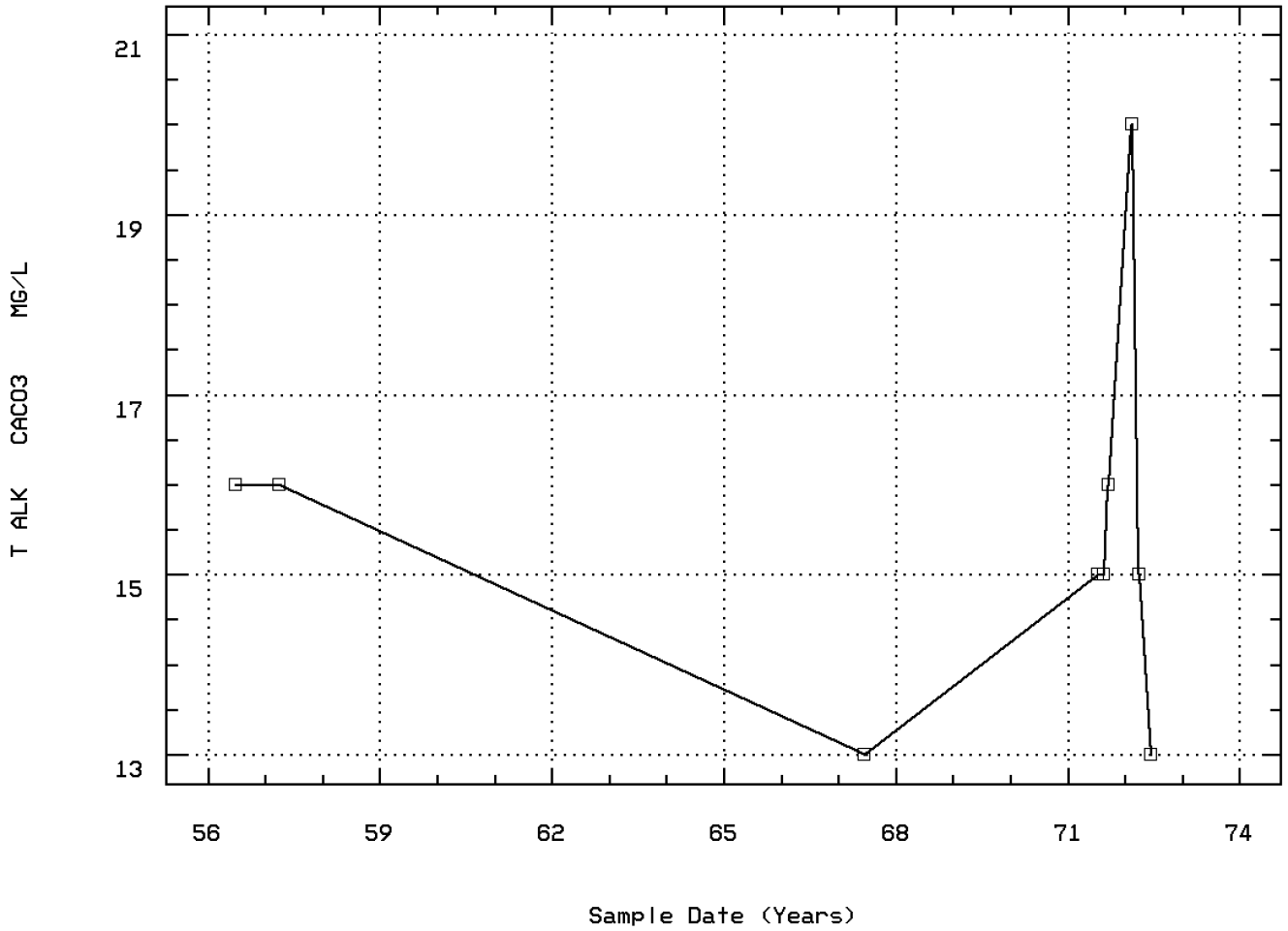
CARBON DIOXIDE (MG/L AS CO2)



KVICHAK R AT IGIUGIG AK

Station: KATM0219 Parameter Code: 00410

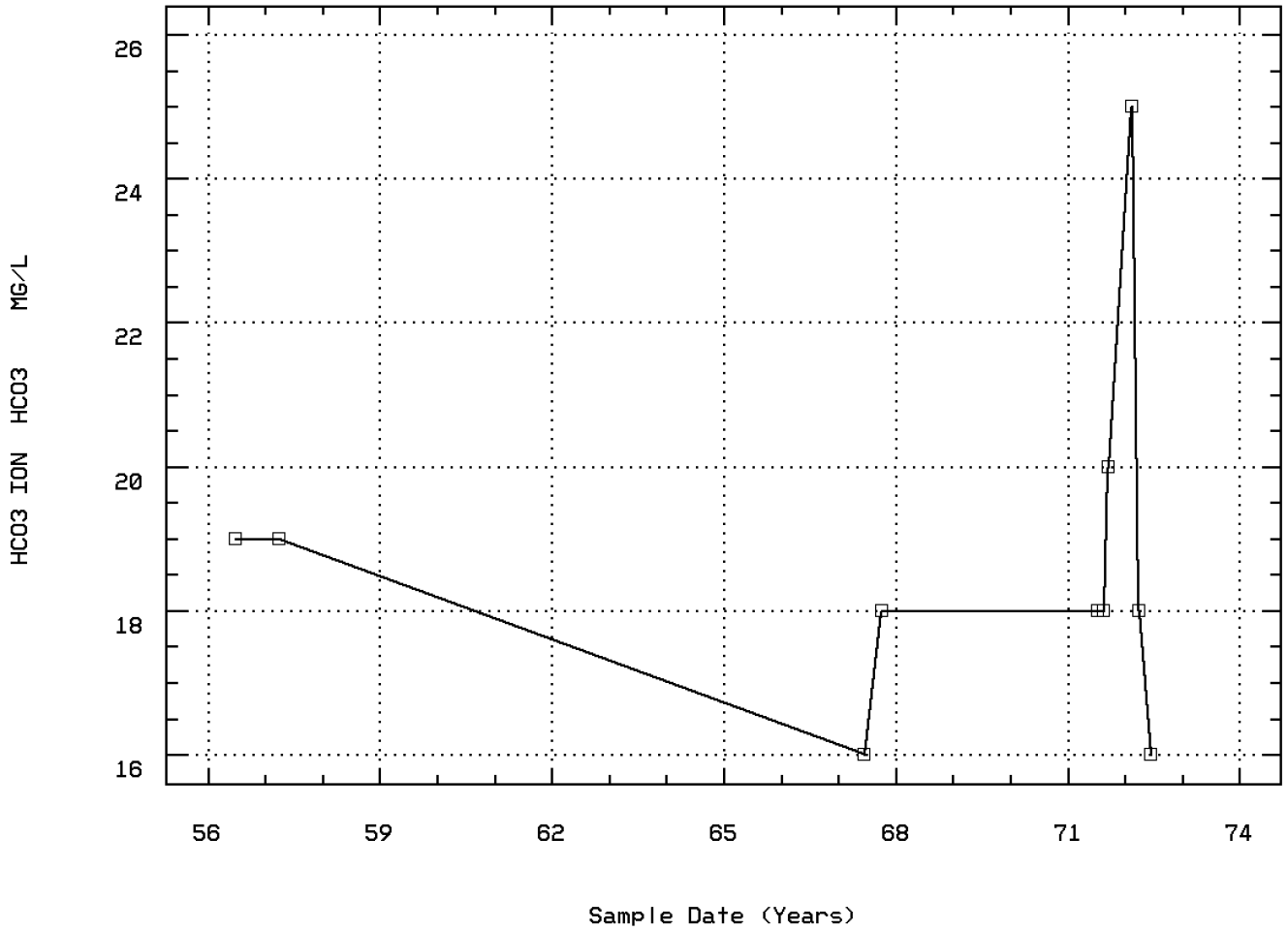
ALKALINITY, TOTAL (MG/L AS CACO3)



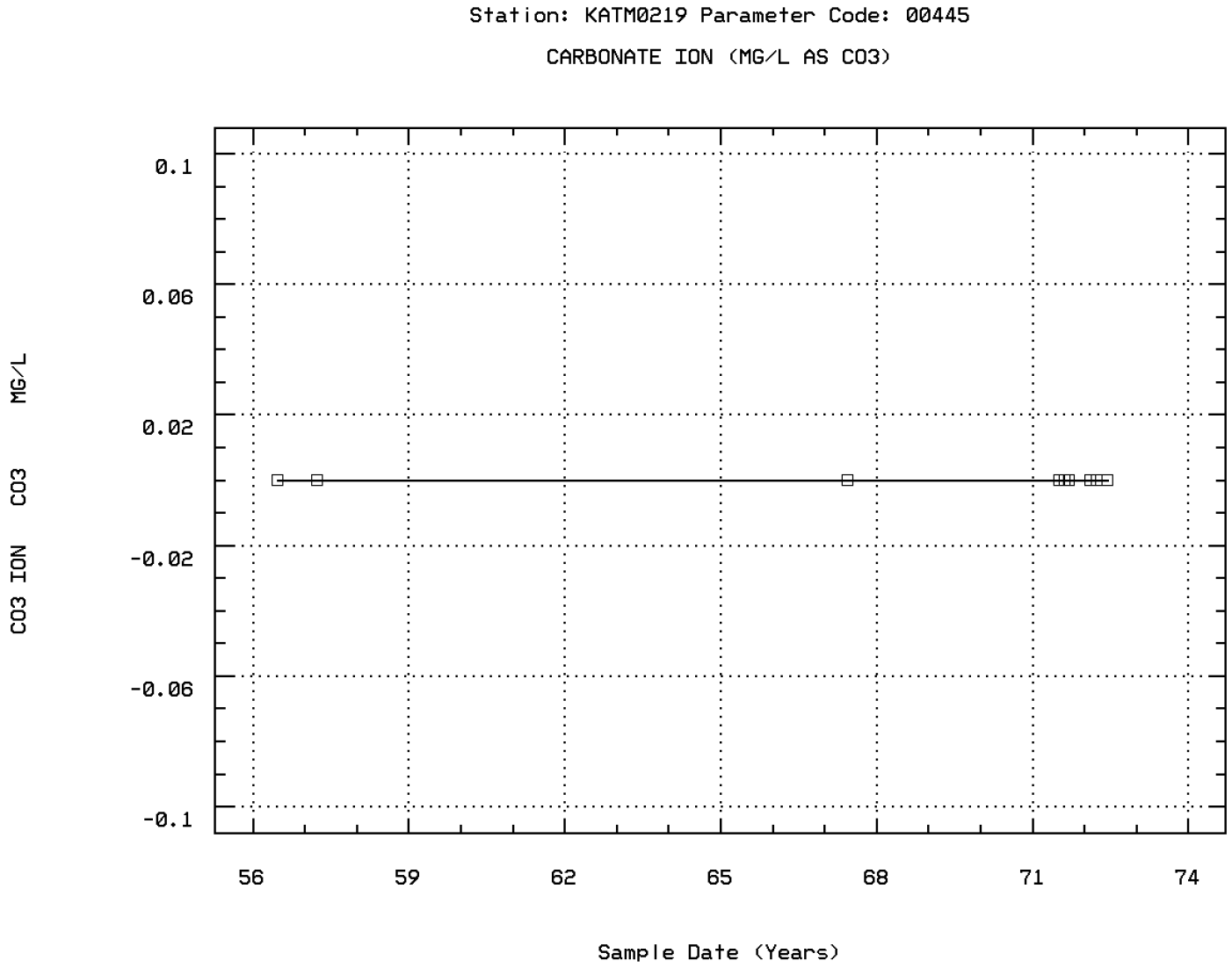
KVICHAK R AT IGIUGIG AK

Station: KATM0219 Parameter Code: 00440

BICARBONATE ION (MG/L AS HCO3)



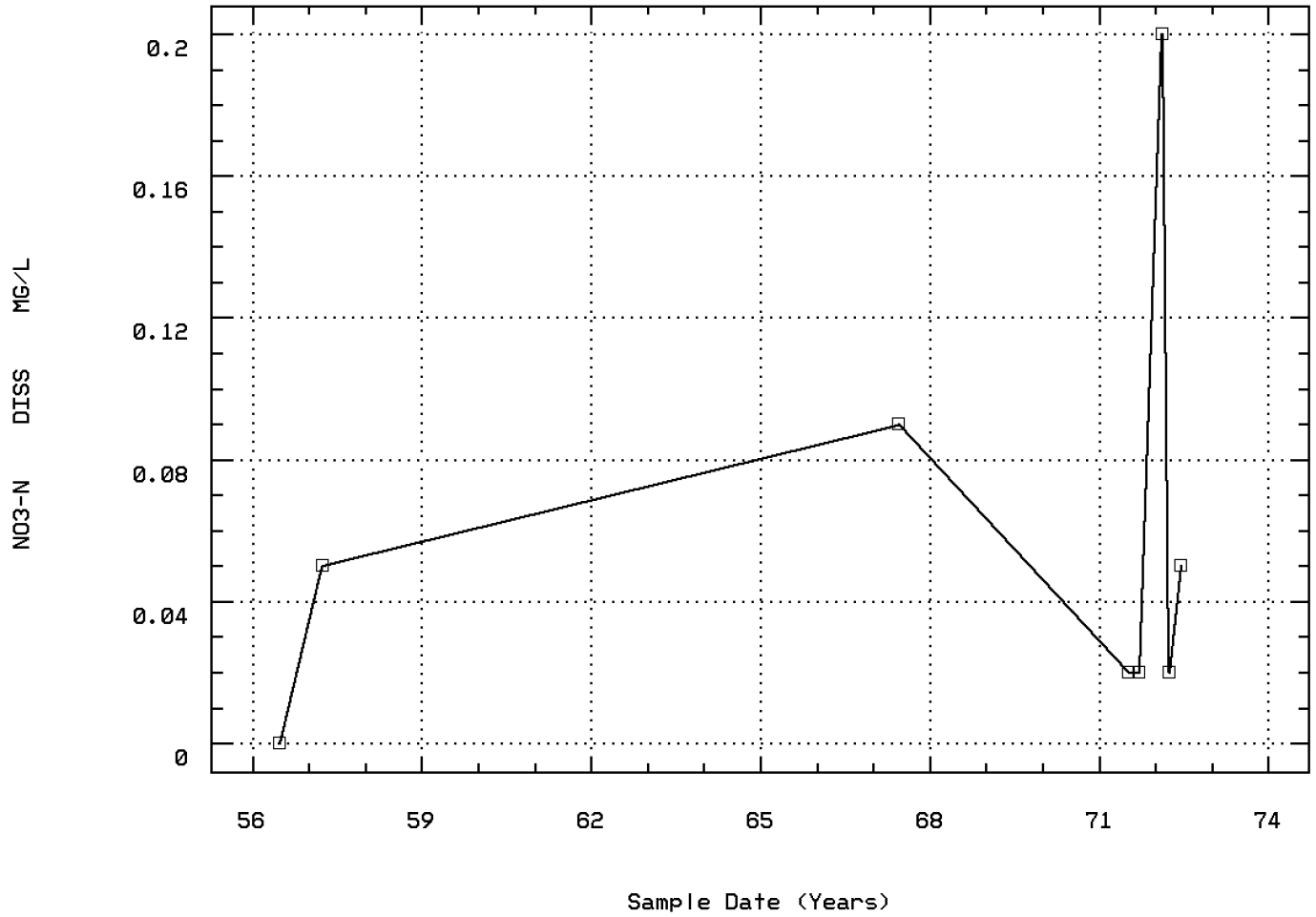
KVICHAK R AT IGIUGIG AK



KVICHAK R AT IGIUGIG AK

Station: KATM0219 Parameter Code: 00618

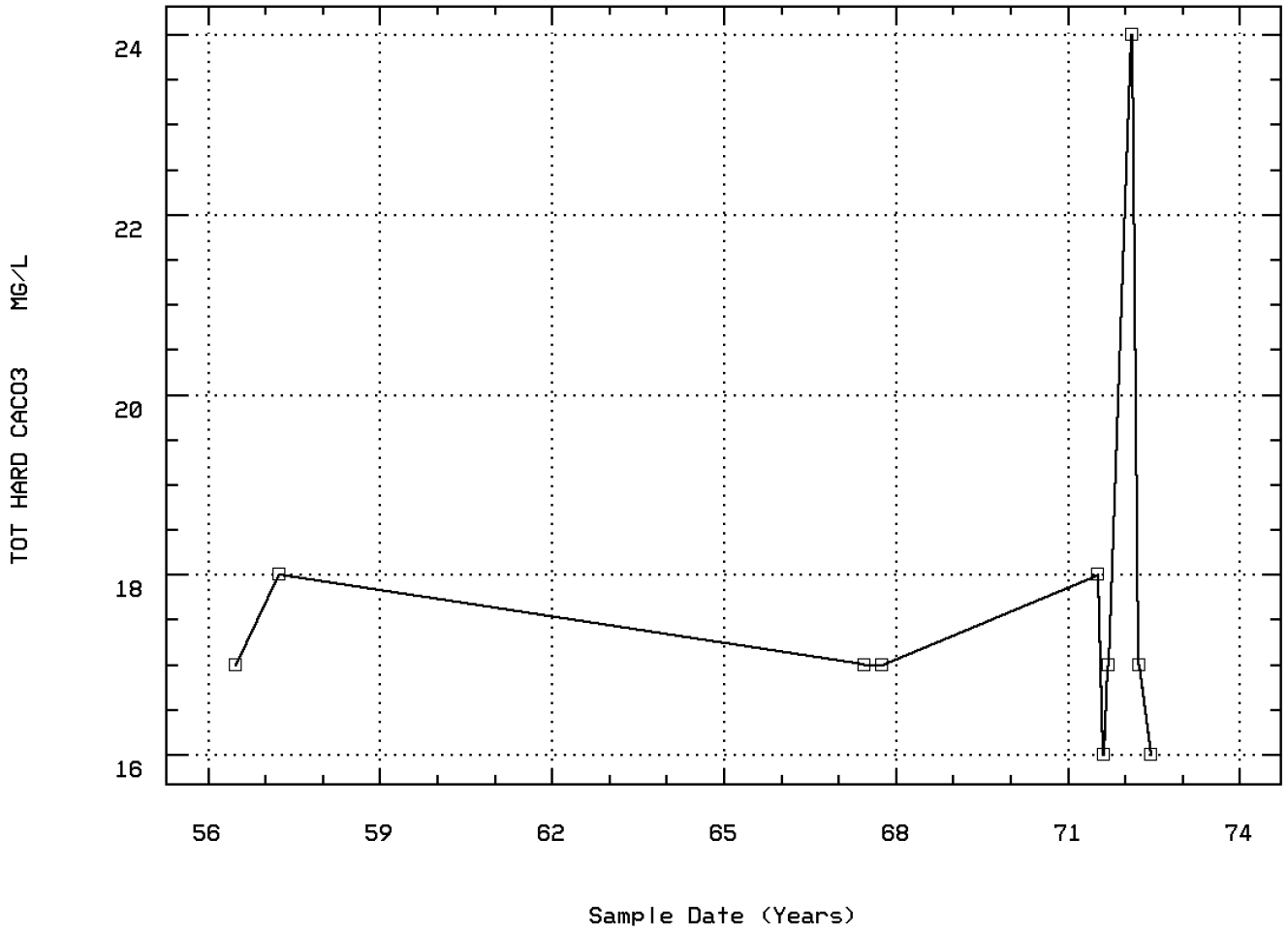
NITRATE NITROGEN, DISSOLVED (MG/L AS N)



KVICHAK R AT IGIUGIG AK

Station: KATM0219 Parameter Code: 00900

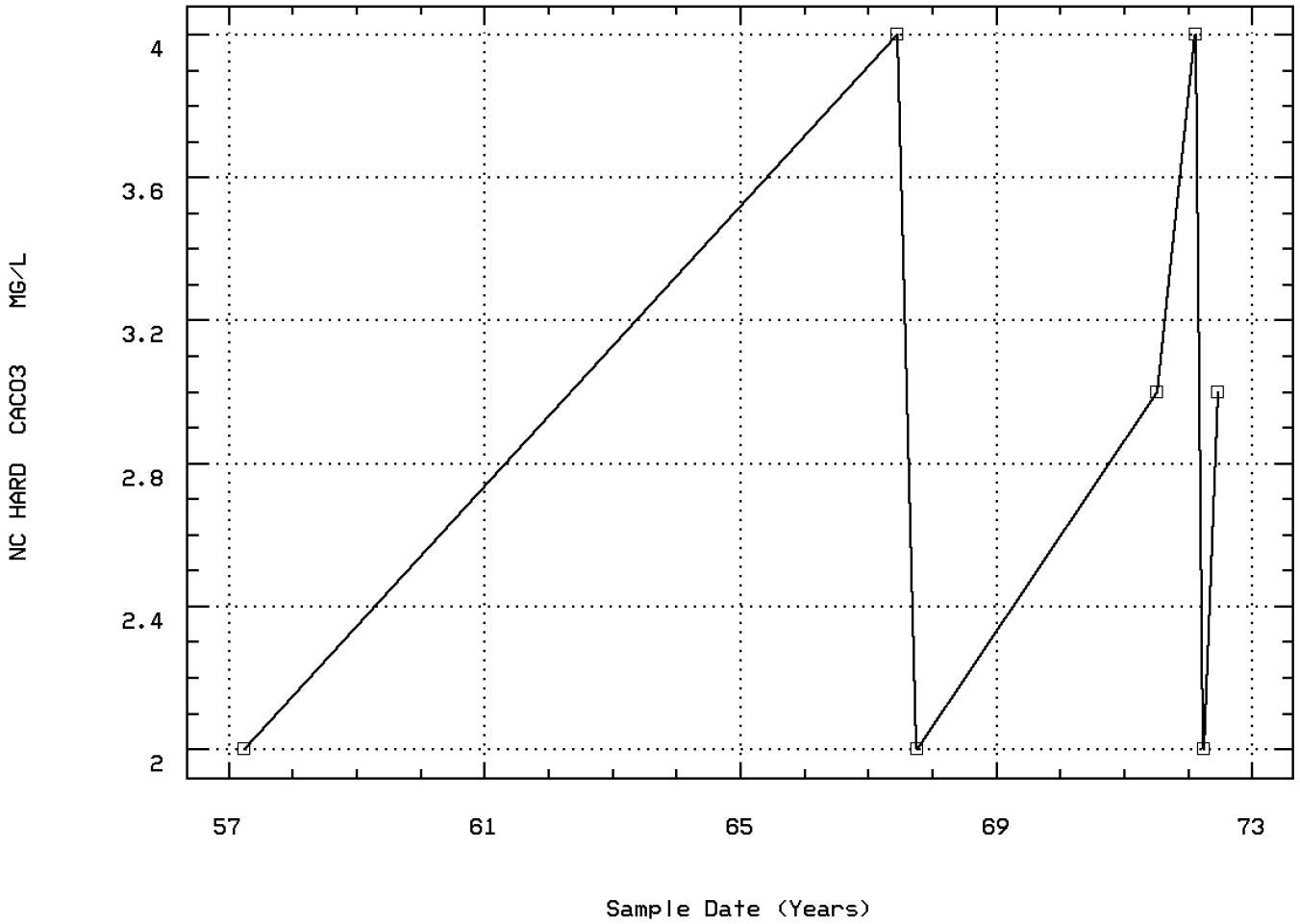
HARDNESS, TOTAL (MG/L AS CACO3)



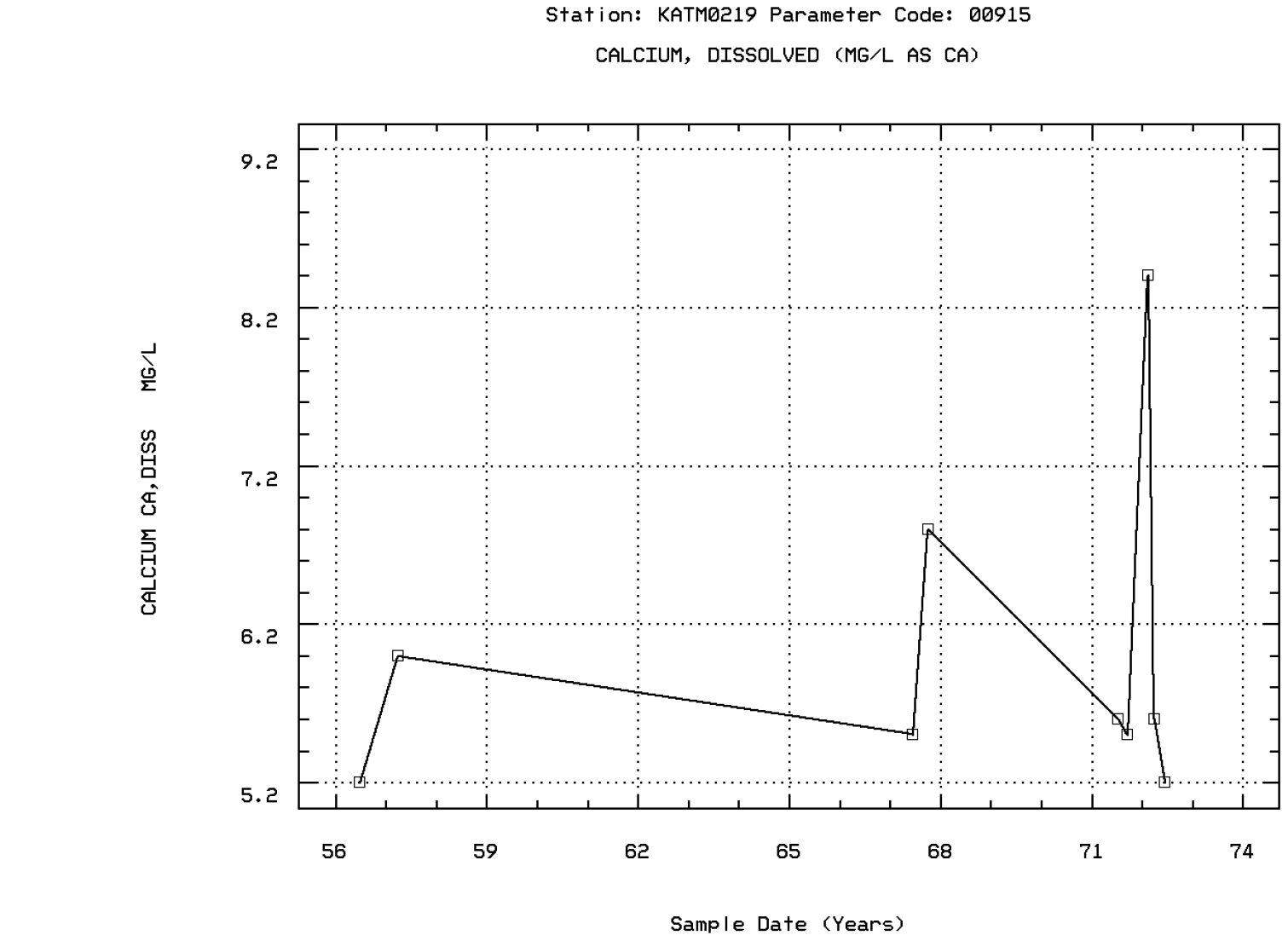
KVICHAK R AT IGIUGIG AK

Station: KATM0219 Parameter Code: 00902

HARDNESS, NON-CARBONATE (MG/L AS CACO3)



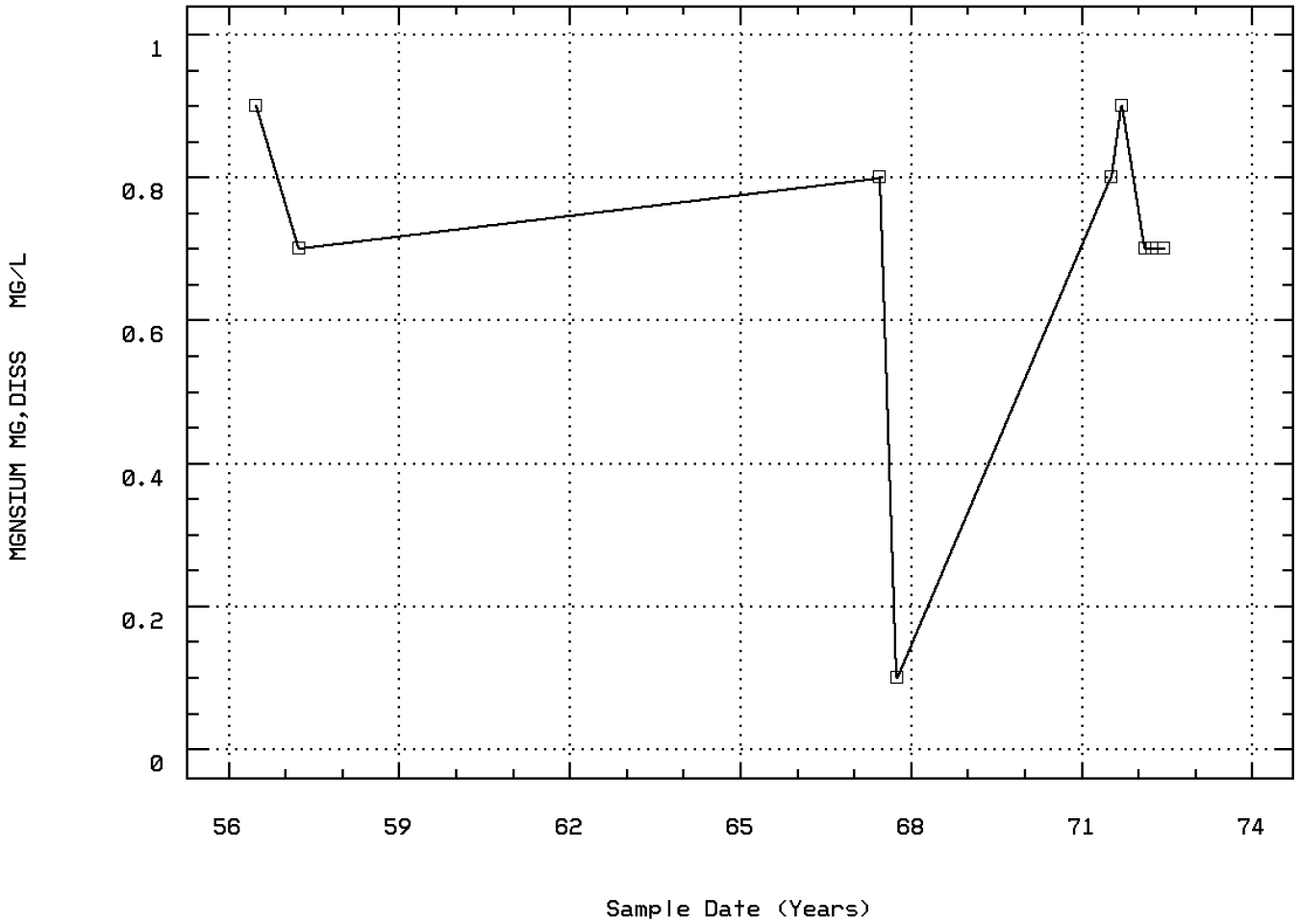
KVICHAK R AT IGIUGIG AK



KVICHAK R AT IGIUGIG AK

Station: KATM0219 Parameter Code: 00925

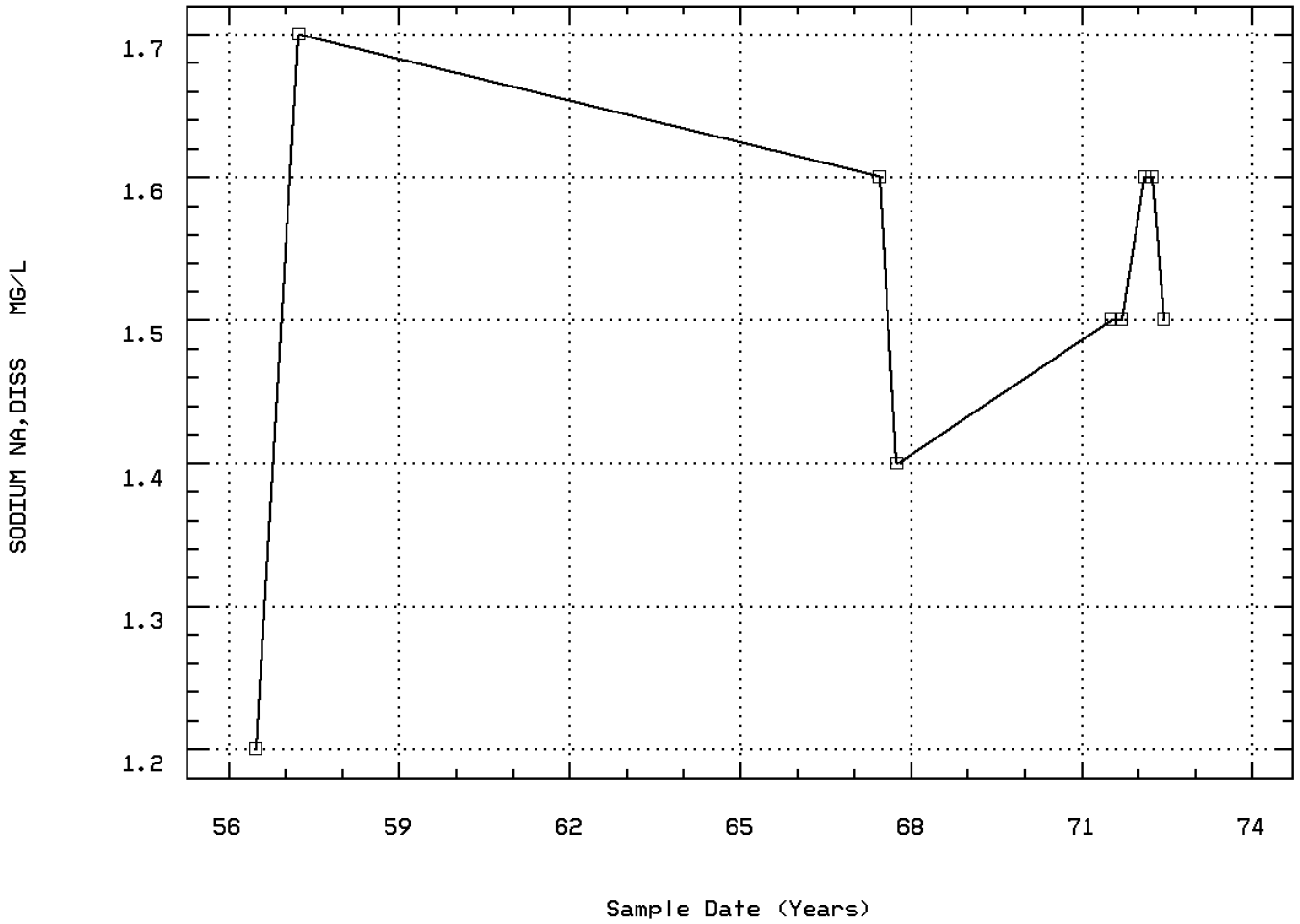
MAGNESIUM, DISSOLVED (MG/L AS MG)



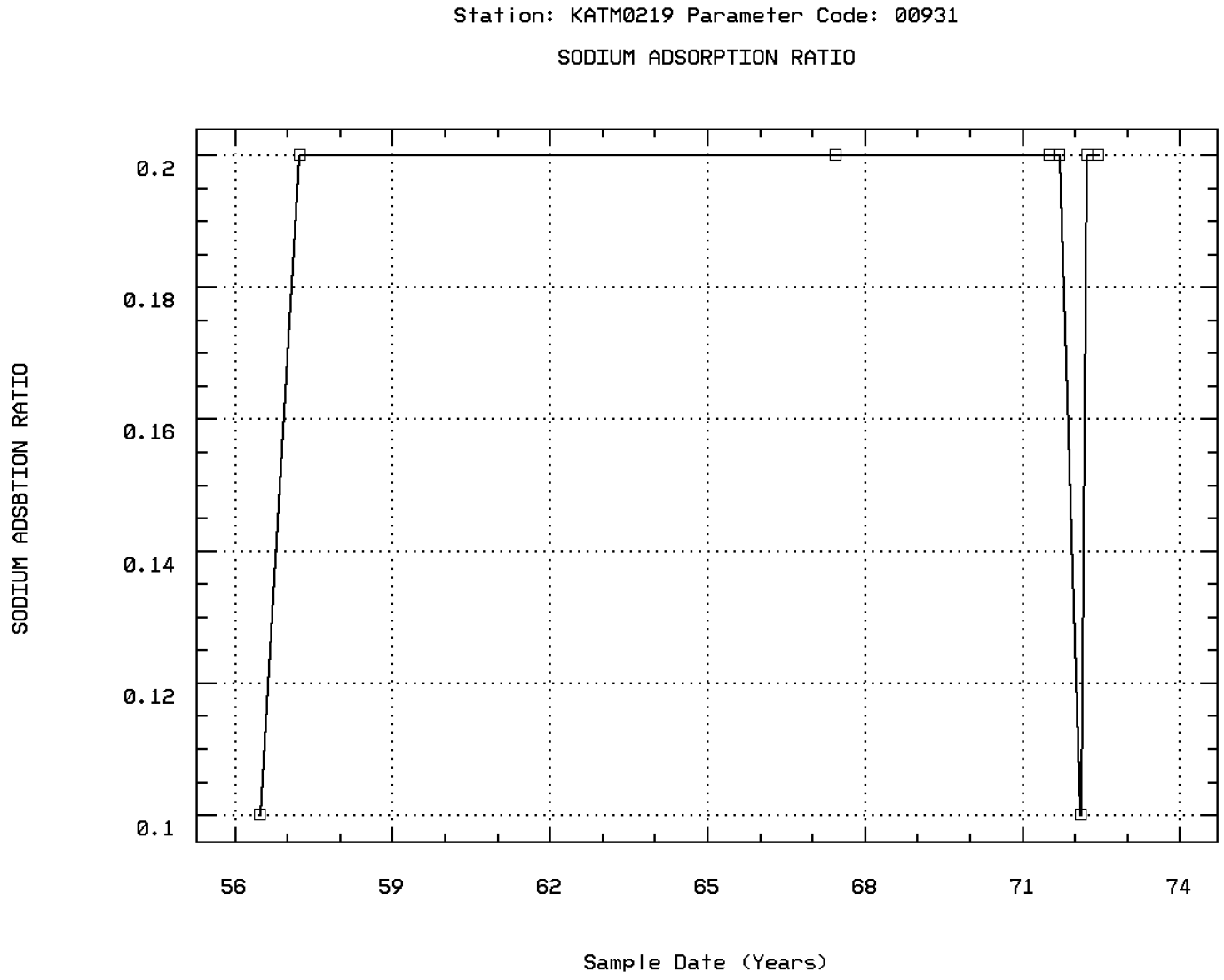
KVICHAK R AT IGIUGIG AK

Station: KATM0219 Parameter Code: 00930

SODIUM, DISSOLVED (MG/L AS NA)



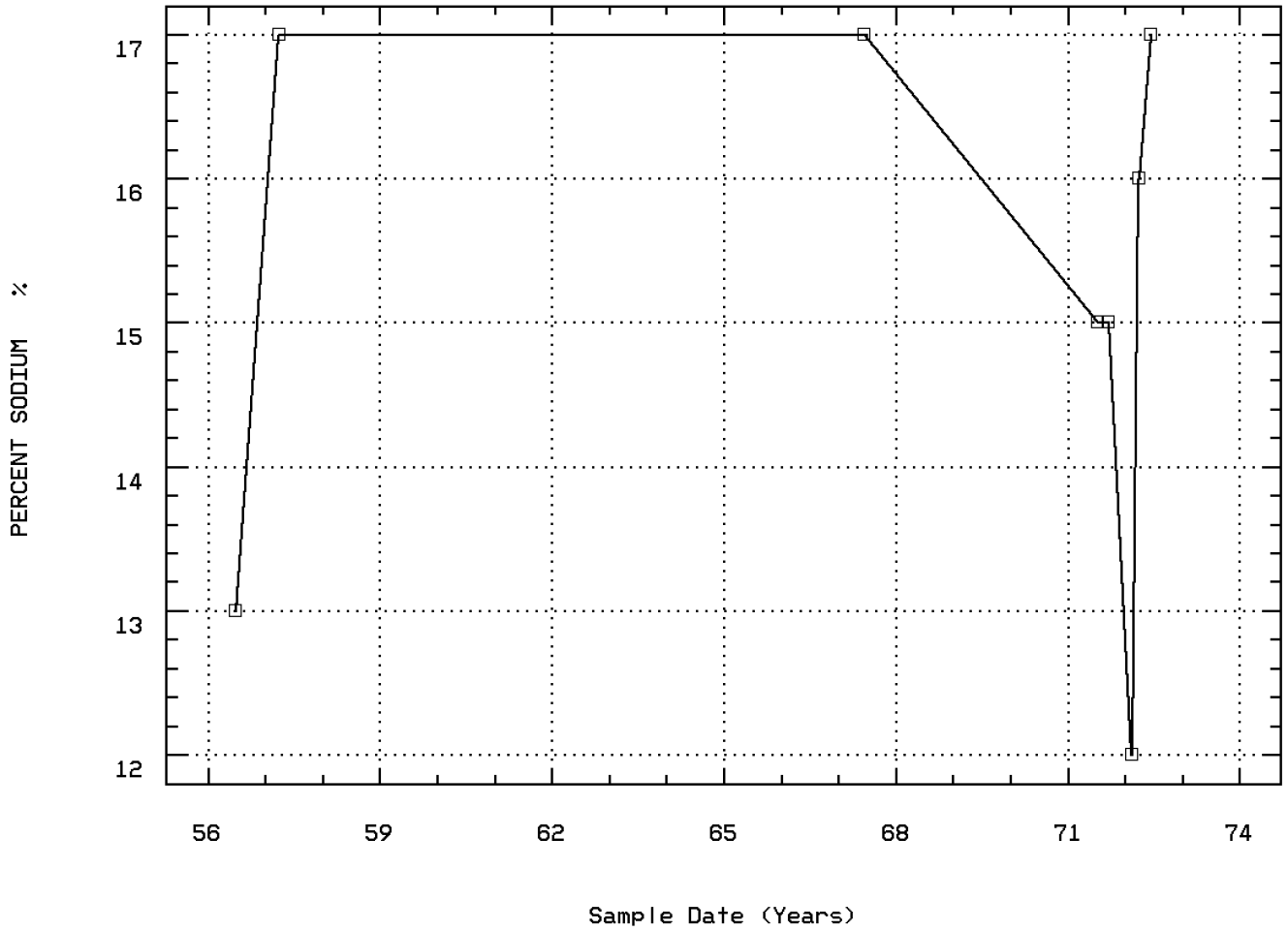
KVICHAK R AT IGIUGIG AK



KVICHAK R AT IGIUGIG AK

Station: KATM0219 Parameter Code: 00932

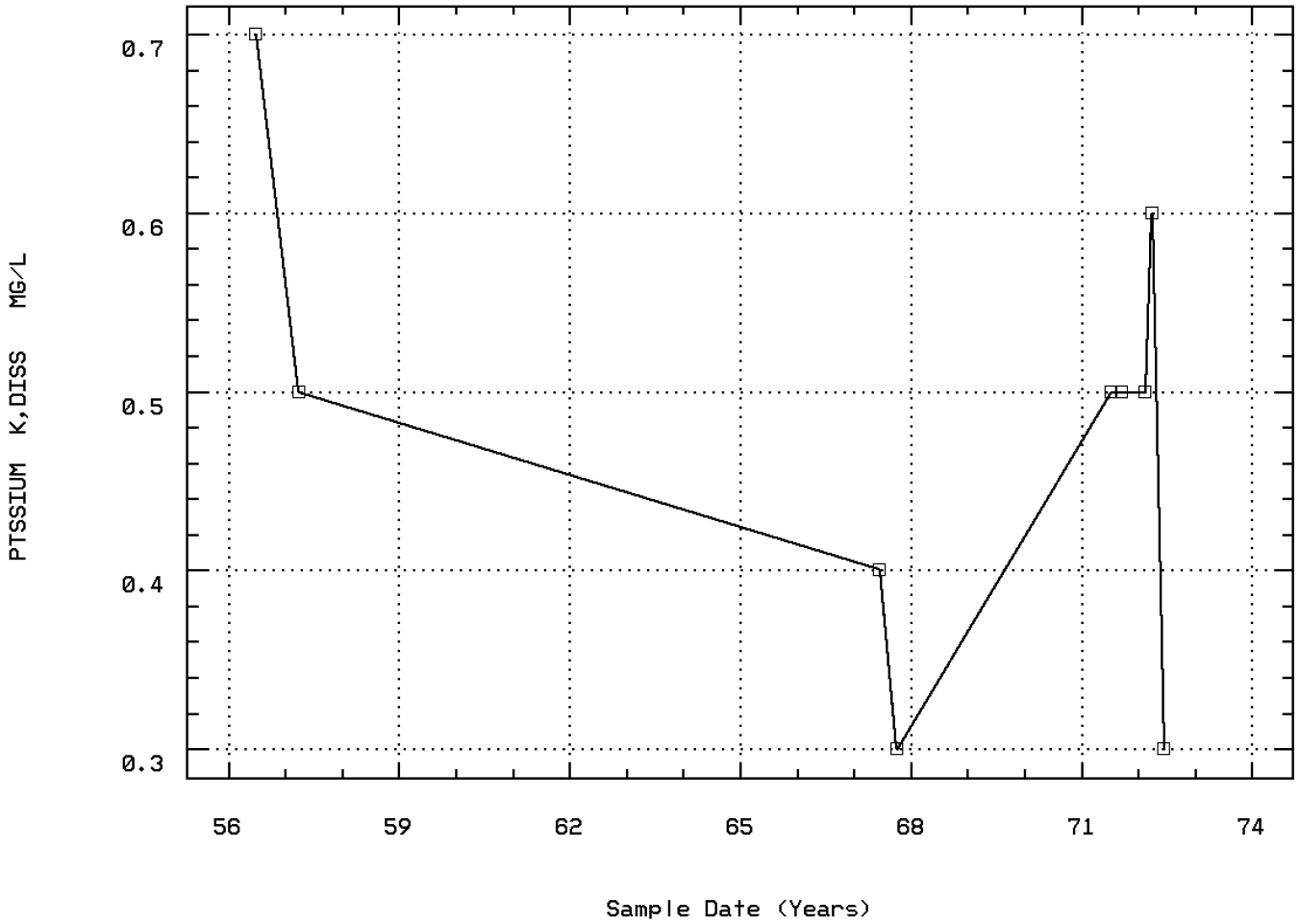
SODIUM, PERCENT



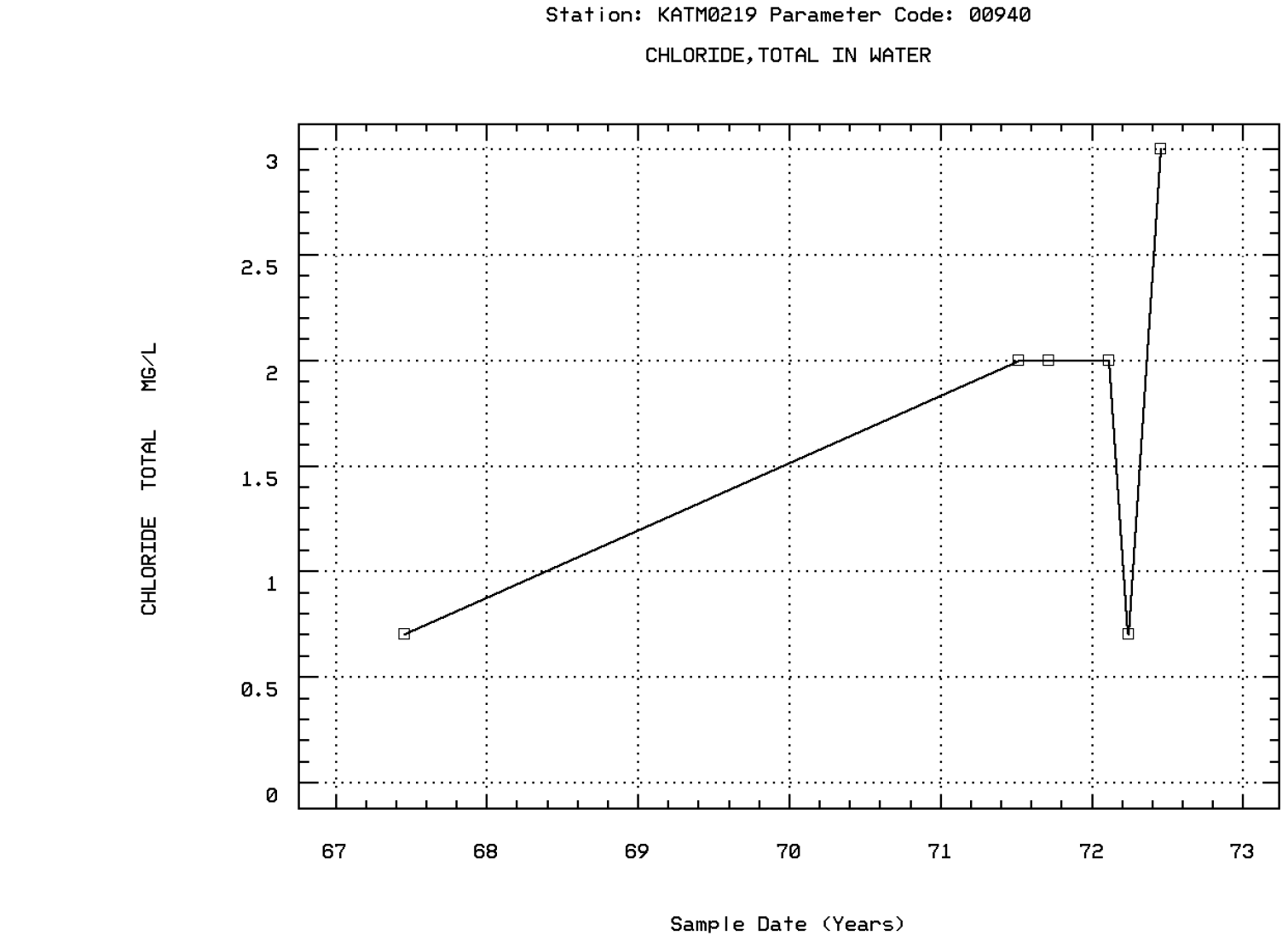
KVICHAK R AT IGIUGIG AK

Station: KATM0219 Parameter Code: 00935

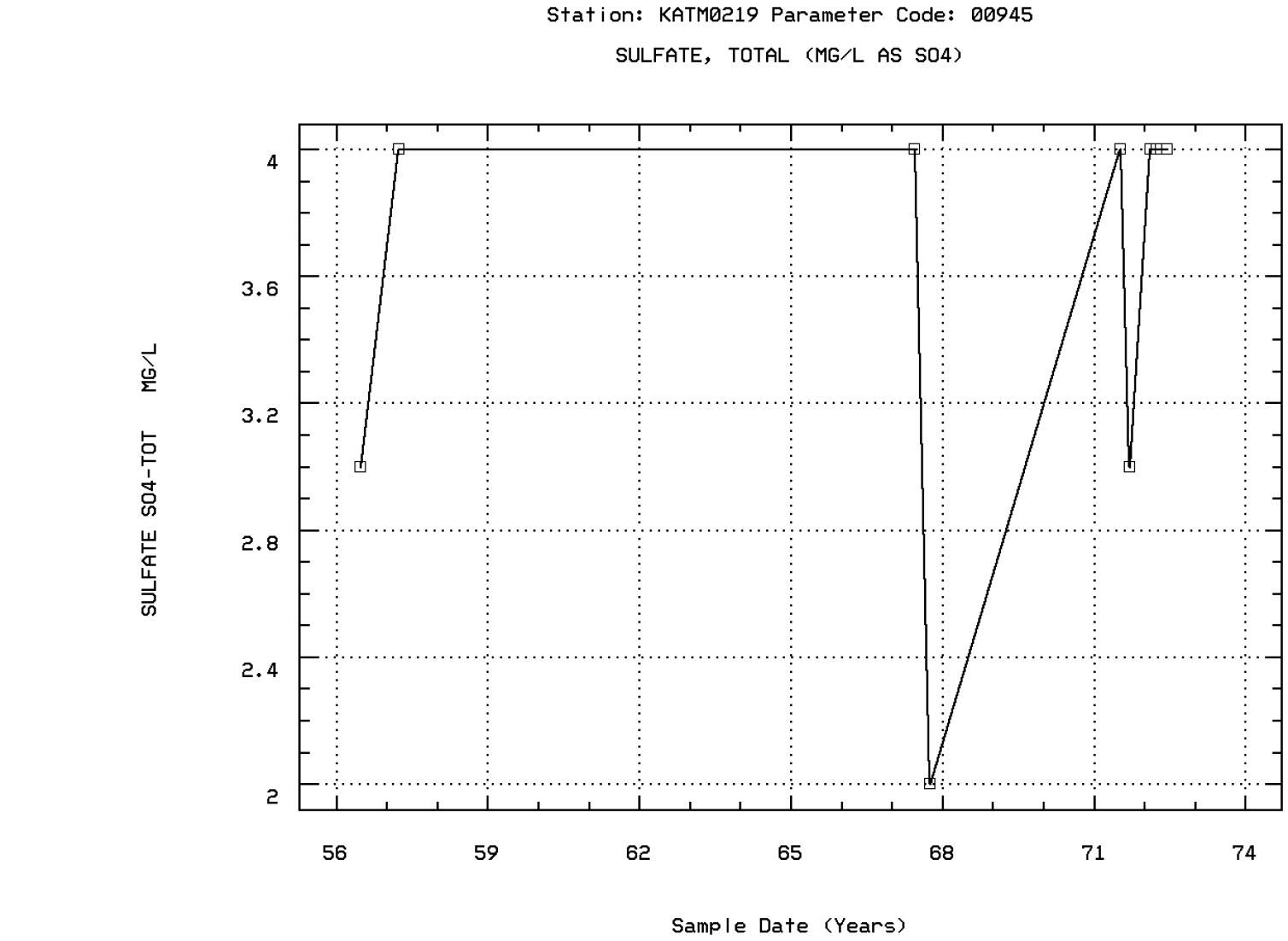
POTASSIUM, DISSOLVED (MG/L AS K)



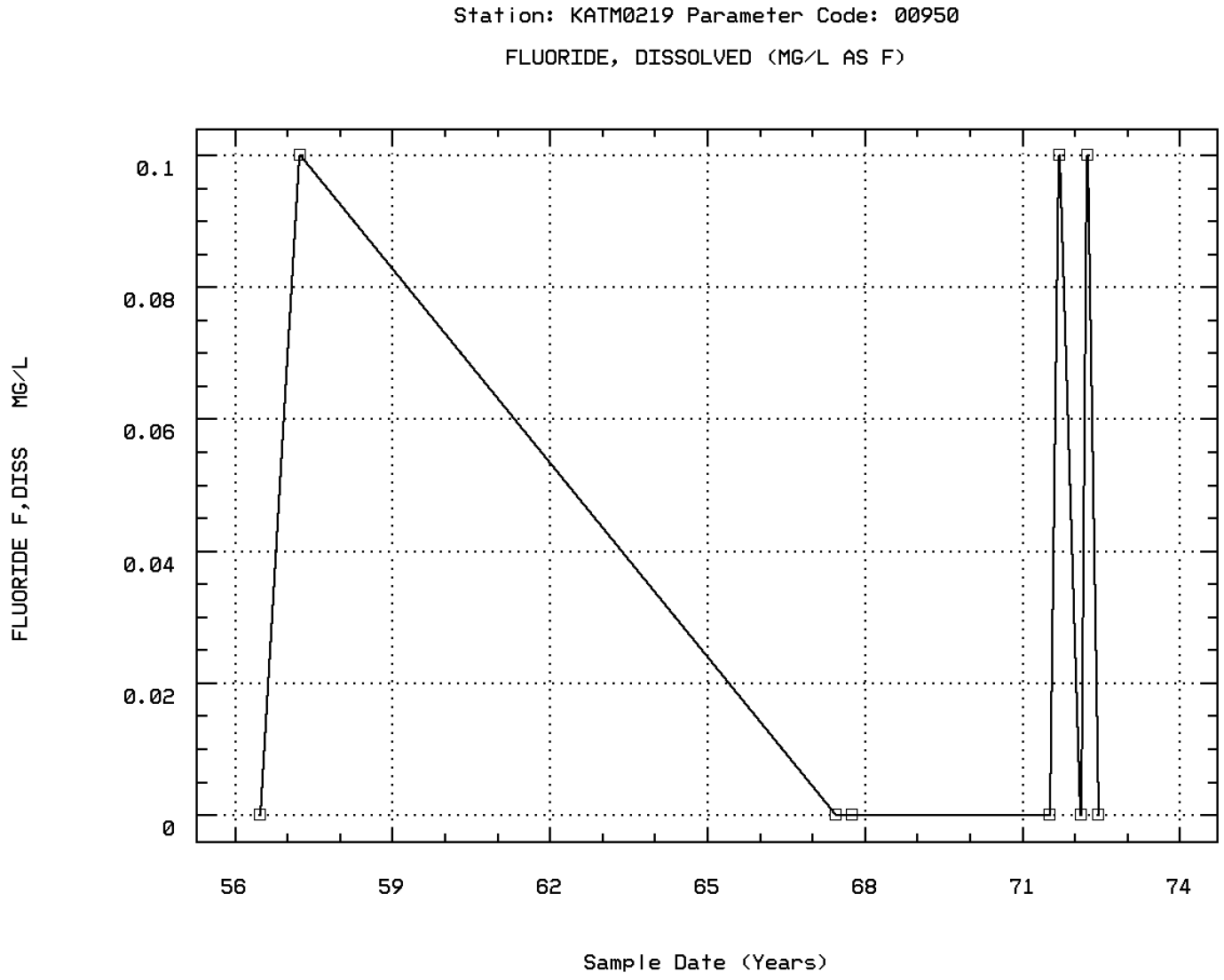
KVICHAK R AT IGIUGIG AK



KVICHAK R AT IGIUGIG AK



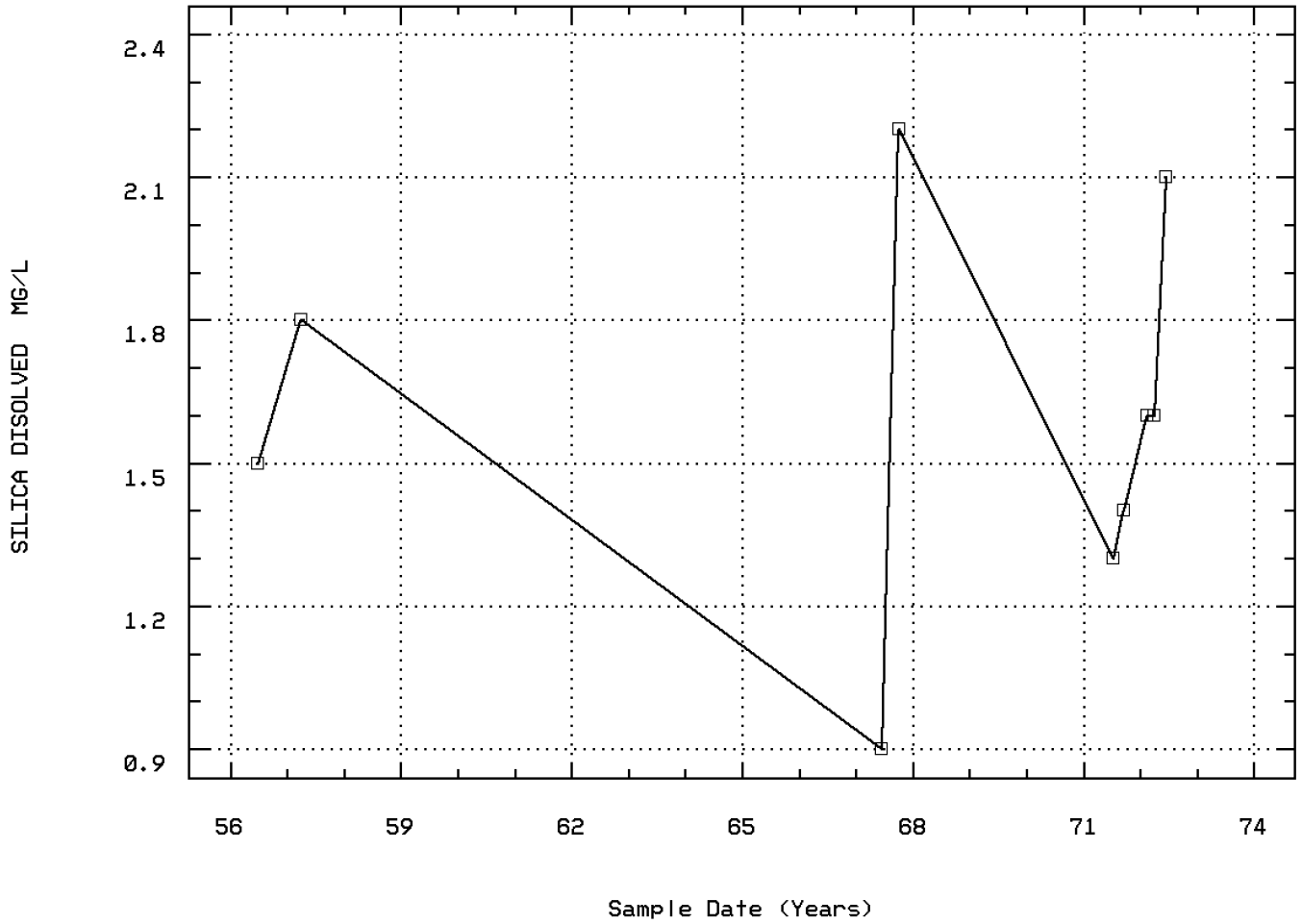
KVICHAK R AT IGIUGIG AK



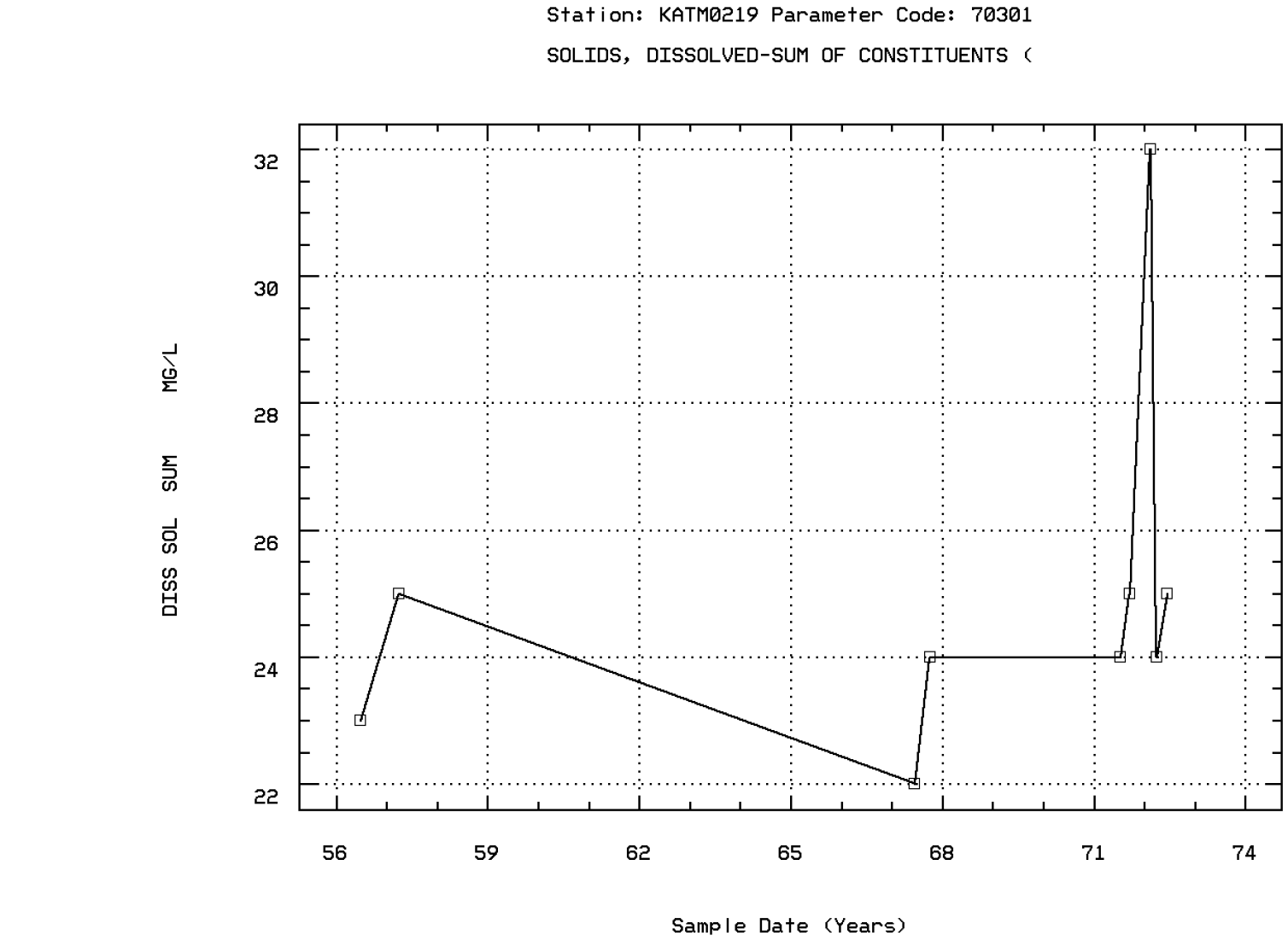
KVICHAK R AT IGIUGIG AK

Station: KATM0219 Parameter Code: 00955

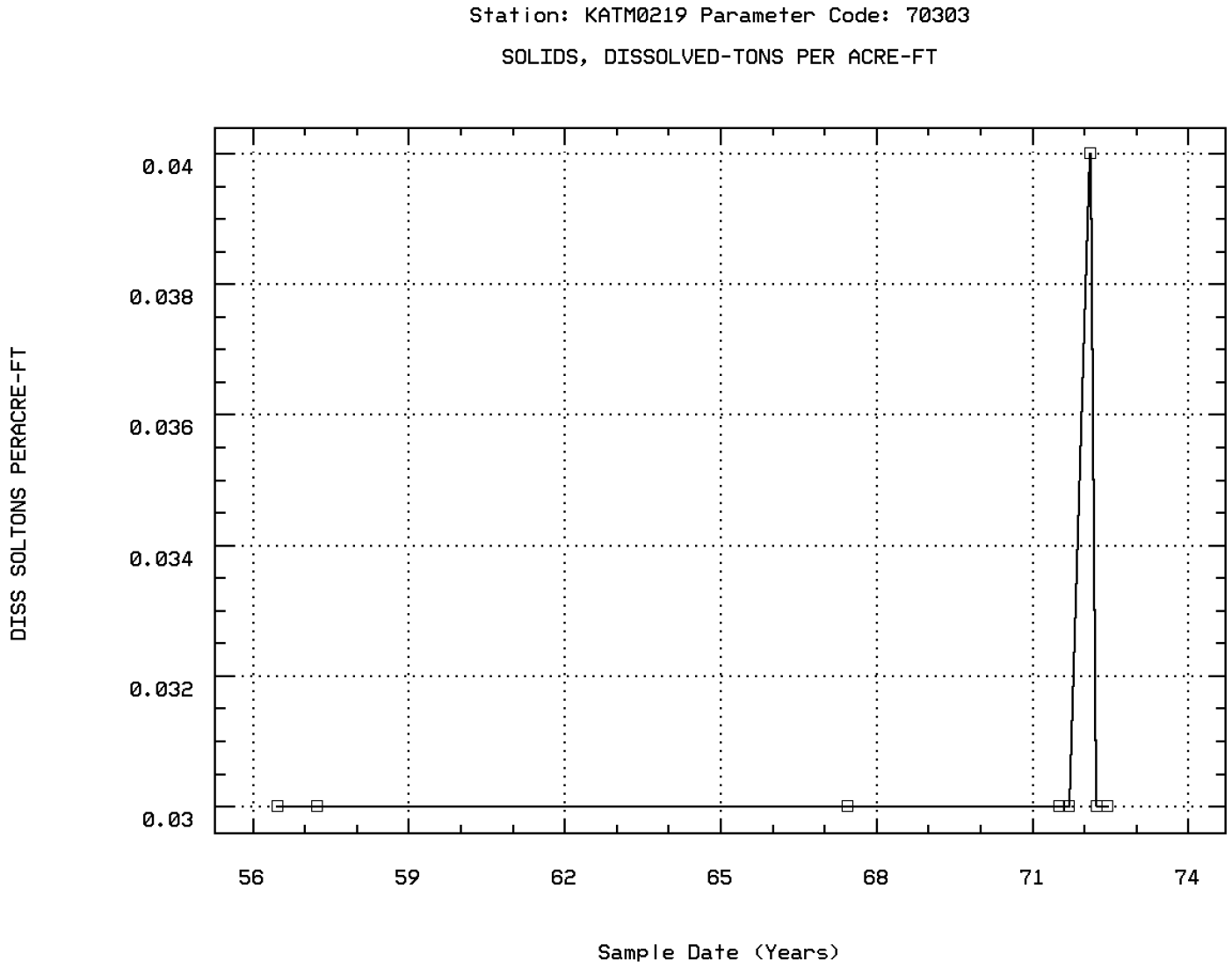
SILICA, DISSOLVED (MG/L AS SI02)



KVICHAK R AT IGIUGIG AK



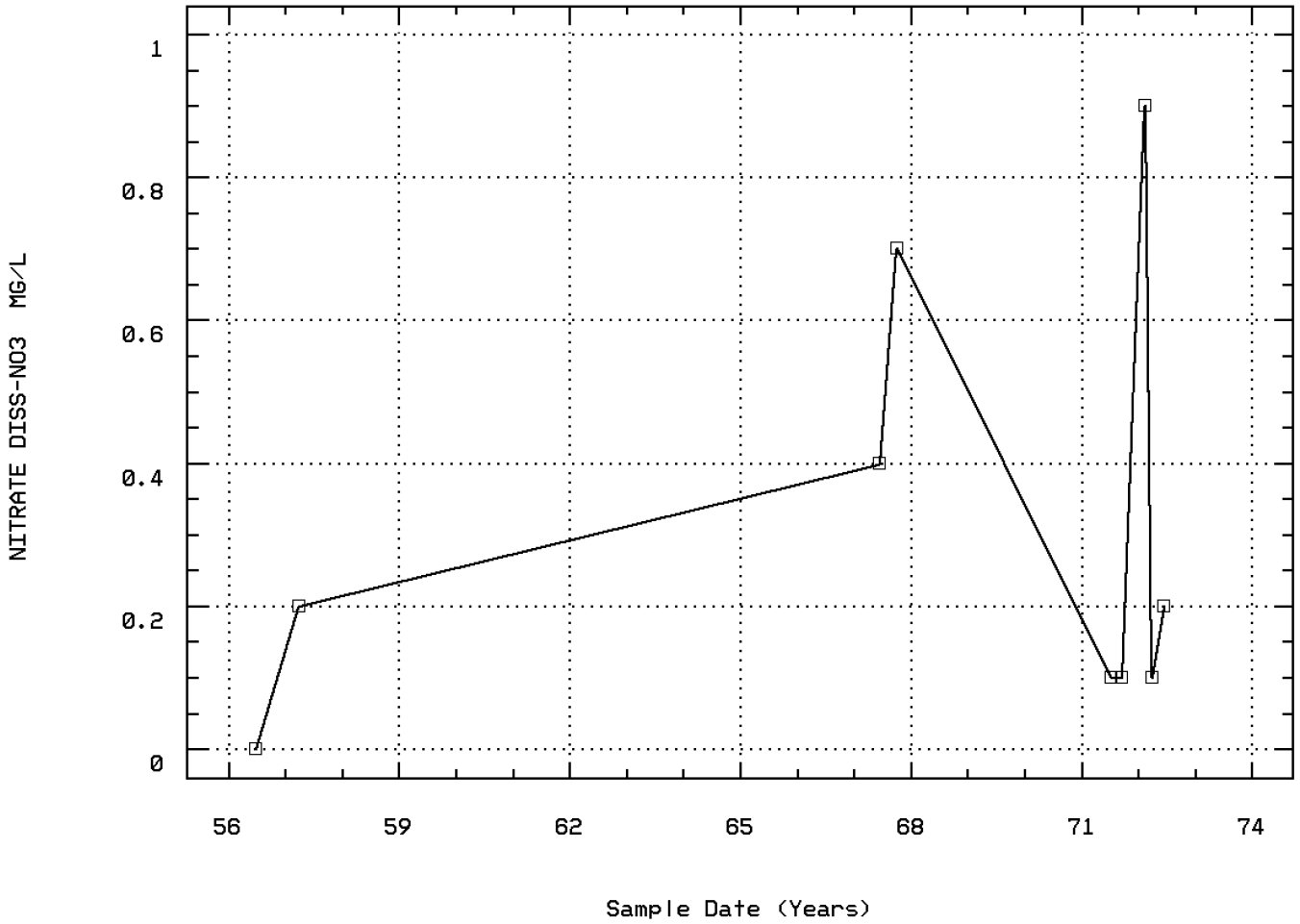
KVICHAK R AT IGIUGIG AK



KVICHAK R AT IGIUGIG AK

Station: KATM0219 Parameter Code: 71851

NITRATE NITROGEN, DISSOLVED (MG/L AS NO



KVICHAK R AT IGIUGIG AK

Station Inventory for Station: KATM0220

NPS Station ID: KATM0220 | LAT/LON: 58.519892/-155.902059 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BROOKS LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UCB_BRL
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT BROOKS LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. DATA COLLECTED IN JULY 1985 REPRESENT COMPOSITE SAMPLES. DATA COLLECTED ON 14 AUGUST 1984; 18 AUGUST 1984; AND 19 AUGUST 1984 DO NOT REPRESENT COMPOSITE SAMPLES. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/14/84-08/18/84	2	7.75	7.75	7.9	7.6	0.045	0.212	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/14/84-08/18/84	2	7.725	7.725	7.9	7.6	0.046	0.215	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/84-08/18/84	2	0.019	0.019	0.025	0.013	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/84-08/18/84	2	29.5	29.5	30.	29.	0.5	0.707	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/18/84-07/01/85	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/84-08/19/84	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0220

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: KATM0221

NPS Station ID: KATM0221 | LAT/LON: 58.542698/-155.902560 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BROOKS LAKE STREAM 6 | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_BR6
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BROOKS LAKE STREAM 6 INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/29/90-08/29/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/29/90-08/29/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/29/90-08/29/90	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/90-08/29/90	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/29/90-08/29/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/29/90-08/29/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/90-08/29/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/29/90-08/29/90	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/29/90-08/29/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/29/90-08/29/90	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/90-08/29/90	1	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/29/90-08/29/90	2	12.5	12.5	12.6	12.4	0.02	0.141	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/29/90-08/29/90	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/29/90-08/29/90	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/29/90-08/29/90	2 ##	0.225	0.225	0.25	0.2	0.001	0.035	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/90-08/29/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/90-08/29/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/29/90-08/29/90	2 ##	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/29/90-08/29/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/29/90-08/29/90	2	635.	635.	650.	620.	450.	21.213	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/29/90-08/29/90	2 ##	37.5	37.5	40.	35.	12.5	3.536	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/29/90-08/29/90	2 ##	35.	35.	40.	30.	50.	7.071	**	**	**	**

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

Parameter Inventory for Station: KATM0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/29/90-08/29/90	2 ##	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/29/90-08/29/90	2 ##	2.	2.	3.	1.	2.	1.414	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/29/90-08/29/90	2 ##	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/29/90-08/29/90	2 ##	0.275	0.275	0.3	0.25	0.001	0.035	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/29/90-08/29/90	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/29/90-08/29/90	2	5.	5.	5.	5.	0.	0.	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/29/90-08/29/90	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/29/90-08/29/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/29/90-08/29/90	2	56.	56.	56.	56.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/29/90-08/29/90	2	28.	28.	50.	6.	968.	31.113	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/29/90-08/29/90	2	45.	45.	60.	30.	450.	21.213	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/29/90-08/29/90	2 ##	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/29/90-08/29/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/29/90-08/29/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/29/90-08/29/90	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/29/90-08/29/90	2	40.5	40.5	41.	40.	0.5	0.707	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/29/90-08/29/90	2 ##	2.75	2.75	3.	2.5	0.125	0.354	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/29/90-08/29/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/29/90-08/29/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/90-08/29/90	2	5215.	5215.	5260.	5170.	4050.	63.64	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	08/29/90-08/29/90	1	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/29/90-08/29/90	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/29/90-08/29/90	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0221

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	2	0	0.00	2	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0222

NPS Station ID: KATM0222 | LAT/LON: 58.516504/-155.910504 | Agency: 11NPSWRD | Date Created: 03/27/99
Location: BROOKS LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_NPS_BRO
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT BROOKS LAKE AND IS LOCATED INSIDE THE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. DATA ARE FROM THE KATM WATER QUALITY DATA BASE AND WERE COLLECTED FROM 1994 THROUGH 1997 BY KATM STAFF AS PART OF AN ON GOING STUDY TO MONITOR WATER QUALITY OF THE 11 LARGE KATM LAKES. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0222

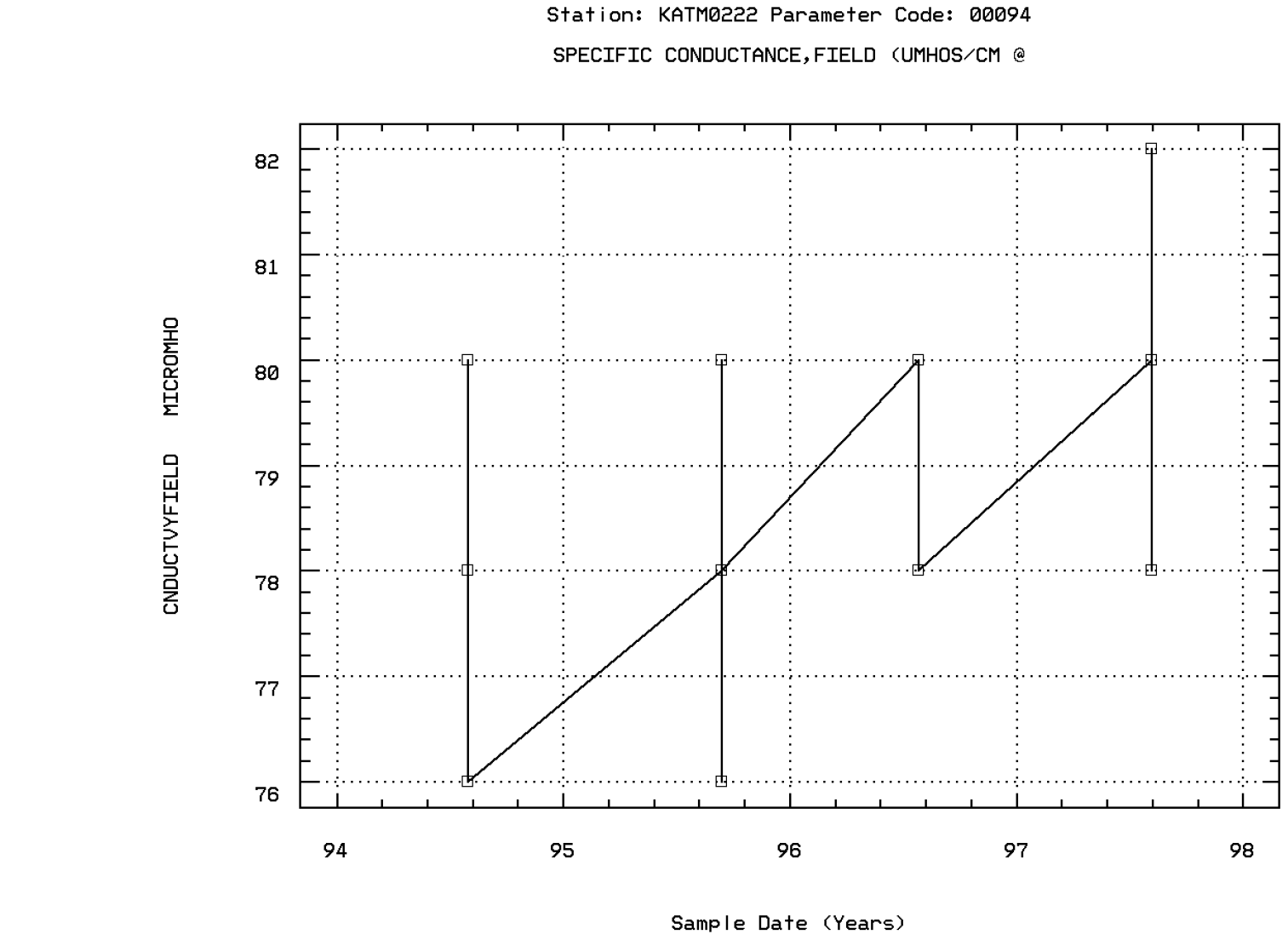
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/94-08/05/97	47	11.9	11.081	18.1	5.5	12.535	3.541	6.06	7.8	13.	17.
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/30/94-08/05/97	5	13.9	14.	17.1	11.	6.655	2.58	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/94-08/05/97	47	78.	78.809	82.	76.	2.202	1.484	77.6	78.	80.	80.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/30/94-08/05/97	35	11.9	11.843	13.9	10.4	0.817	0.904	10.8	11.	12.5	13.14
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/30/94-08/05/97	47	107.	84.672	119.8	7.7	2006.552	44.795	9.32	12.2	115.8	117.34
00406p	PH, FIELD, STANDARD UNITS SU	07/30/94-08/05/97	47	7.8	7.768	8.22	7.07	0.126	0.356	7.224	7.38	8.06	8.19
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/30/94-08/05/97	47	7.8	7.614	8.22	7.07	0.151	0.388	7.224	7.38	8.06	8.19
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/94-08/05/97	47	0.016	0.024	0.085	0.006	0.001	0.023	0.006	0.009	0.042	0.06
00480p	SALINITY - PARTS PER THOUSAND	07/30/94-08/05/97	47 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

EPA Water Quality Criteria Analysis for Station: KATM0222

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	35	0	0.00	35	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	47	0	0.00	47	0	0.00									
		Other-Lo Lim.	6.5	47	0	0.00	47	0	0.00									

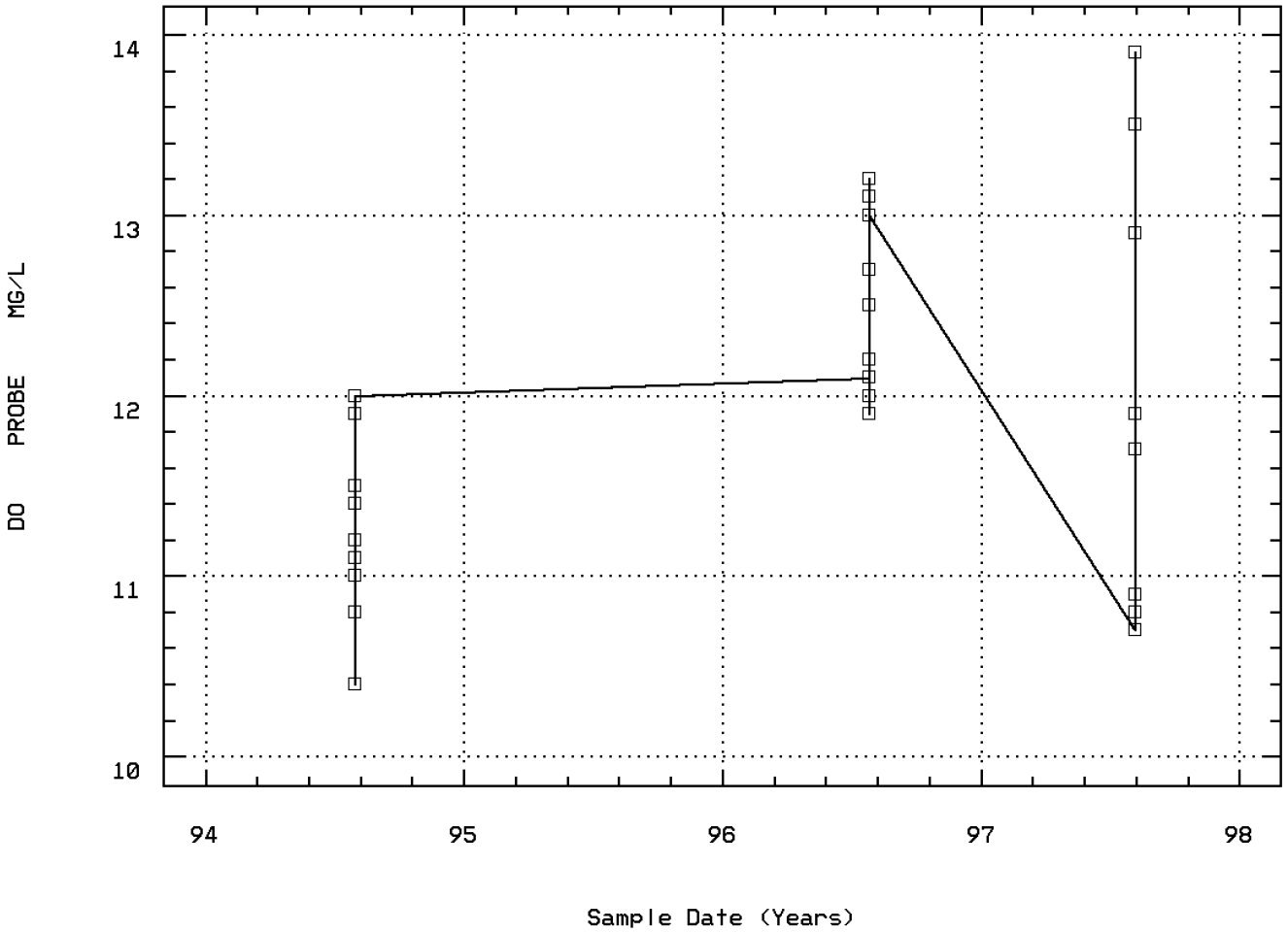
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter


Station: KATM0222 Parameter Code: 00094
SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @
CNDUCTVYFIELD MICROMHO
82
81
80
79
78
77
76
94
95
96
97
98
Sample Date (Years)

BROOKS LAKE

Station: KATM0222 Parameter Code: 00299

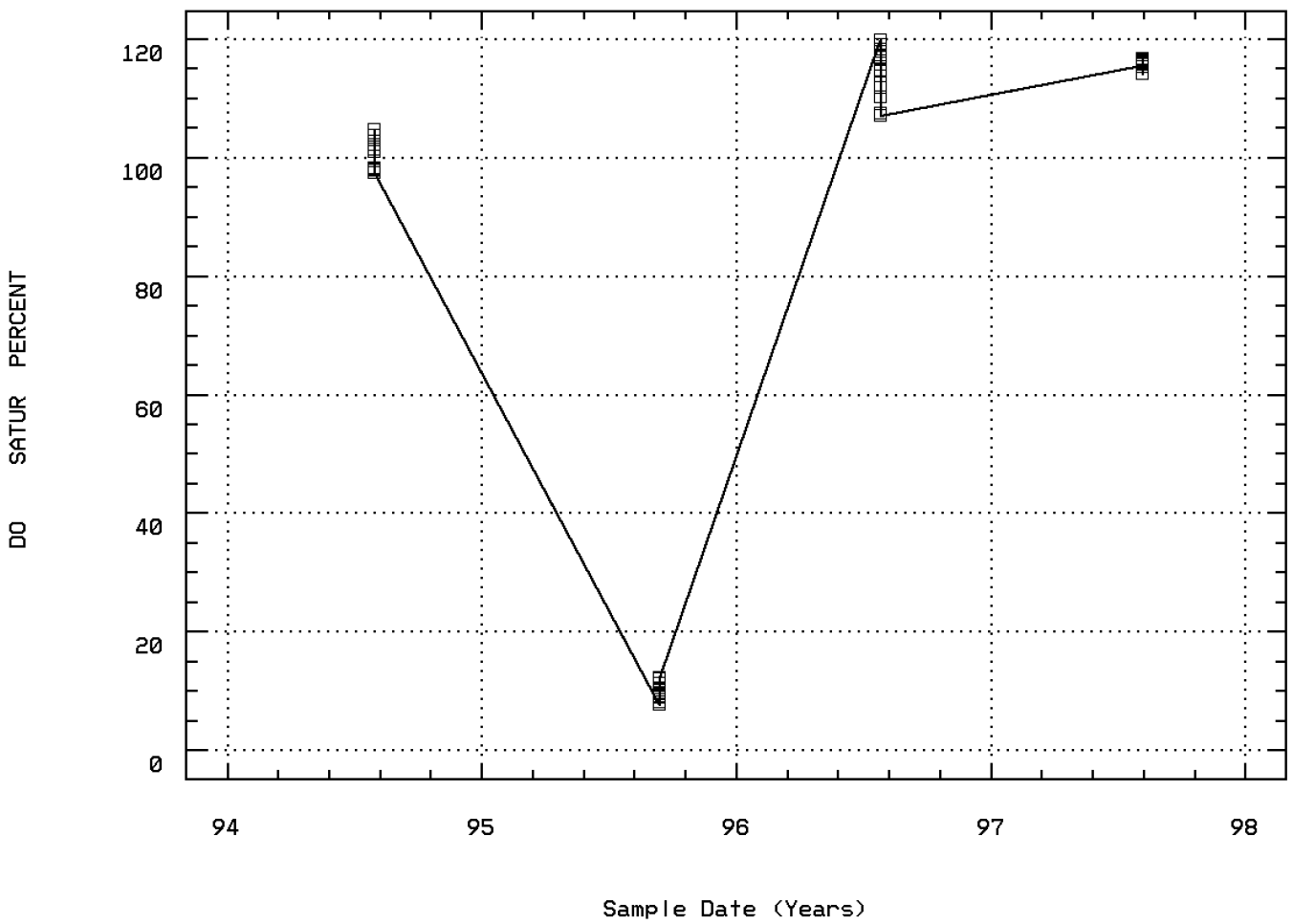
OXYGEN ,DISSOLVED, ANALYSIS BY PROBE



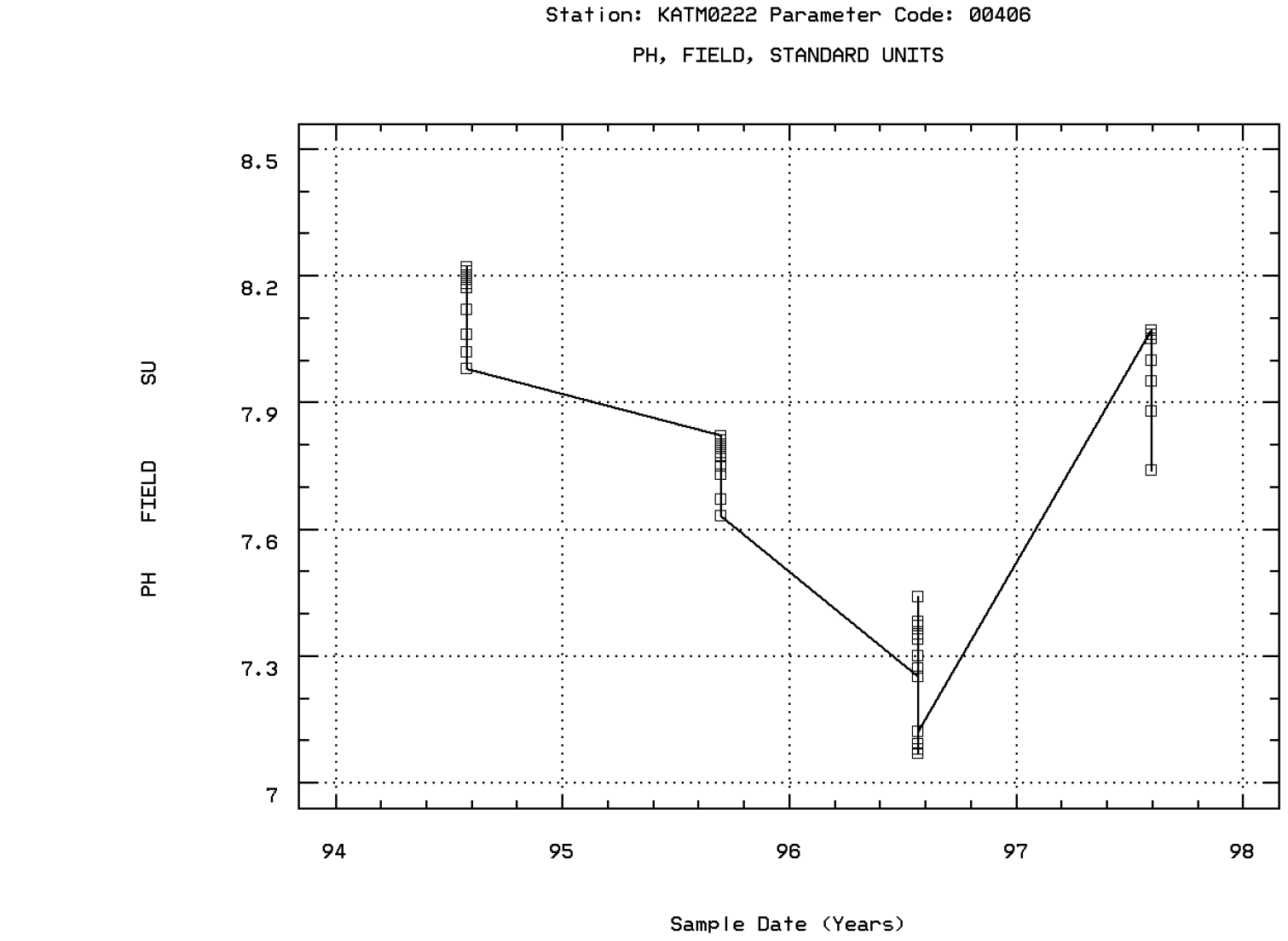
BROOKS LAKE

Station: KATM0222 Parameter Code: 00301

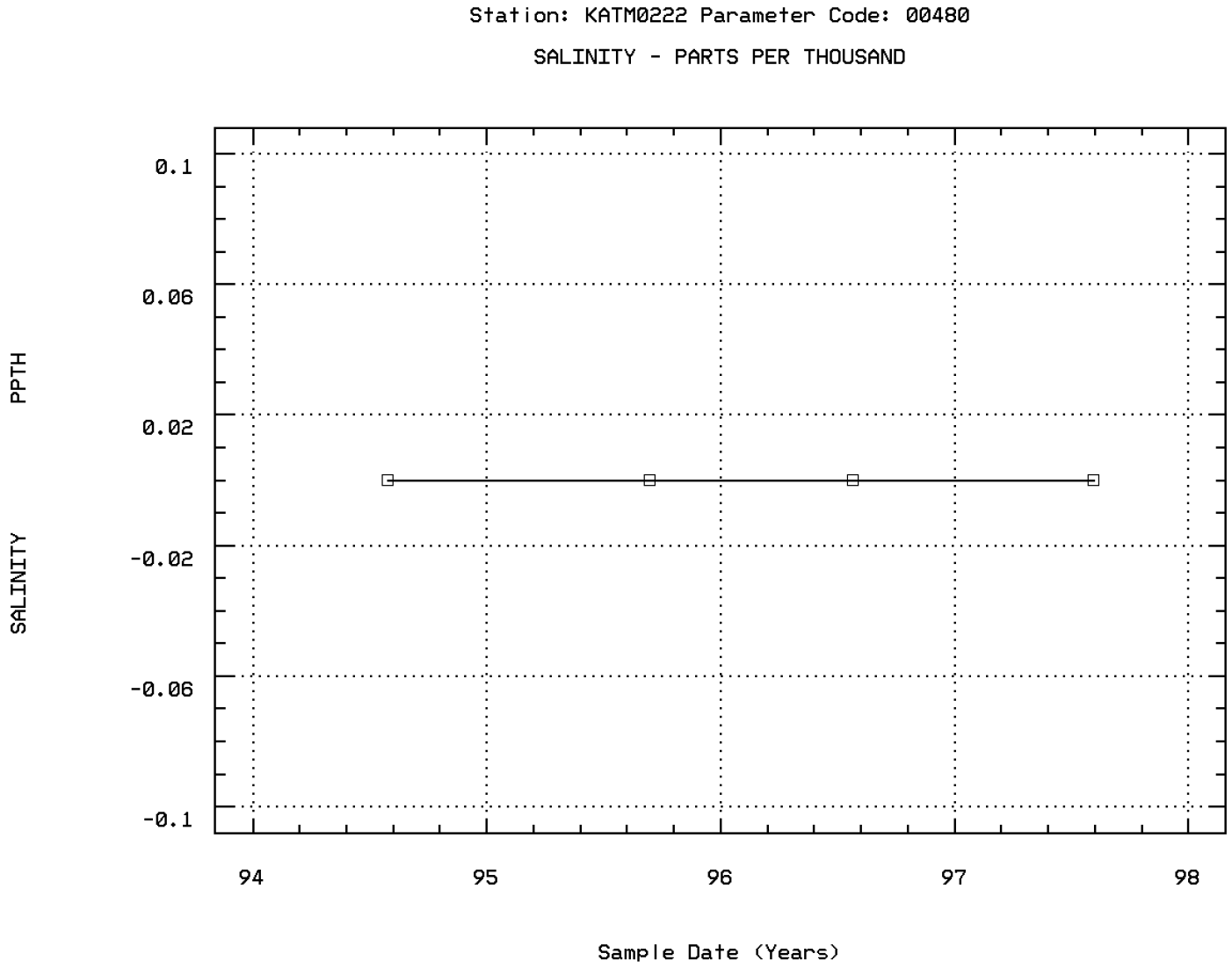
OXYGEN, DISSOLVED, PERCENT OF SATURATIO



BROOKS LAKE


Station: KATM0222 Parameter Code: 00406
PH, FIELD, STANDARD UNITS
PH FIELD SU
8.5
8.2
7.9
7.6
7.3
7
94
95
96
97
98
Sample Date (Years)

BROOKS LAKE


Station: KATM0222 Parameter Code: 00480
SALINITY - PARTS PER THOUSAND
SALINITY
PPTH
0.1
0.06
0.02
-0.02
-0.06
-0.1
94
95
96
97
98
Sample Date (Years)

BROOKS LAKE

Annual Analysis for 1994 - Station KATM0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/94-08/05/97	11	10.	10.2	15.7	6.3	7.884	2.808	6.42	7.8	12.1	15.16
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/94-08/05/97	11	78.	78.182	80.	76.	1.164	1.079	76.4	78.	78.	80.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/30/94-08/05/97	11	98.2	99.973	104.6	97.4	7.064	2.658	97.42	97.8	102.1	104.42
00406p	PH, FIELD, STANDARD UNITS SU	07/30/94-08/05/97	11	8.18	8.14	8.22	7.98	0.007	0.083	7.988	8.06	8.2	8.218
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/30/94-08/05/97	11	8.18	8.132	8.22	7.98	0.007	0.084	7.988	8.06	8.2	8.218
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/94-08/05/97	11	0.007	0.007	0.01	0.006	0.	0.002	0.006	0.006	0.009	0.01
00480p	SALINITY - PARTS PER THOUSAND	07/30/94-08/05/97	11 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

Annual Analysis for 1995 - Station KATM0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/94-08/05/97	12	11.9	10.392	12.3	6.1	5.852	2.419	6.19	7.85	12.	12.27
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/94-08/05/97	12	78.	77.667	80.	76.	1.333	1.155	76.	76.5	78.	79.4
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/30/94-08/05/97	12	9.55	9.833	12.2	7.7	2.015	1.42	7.82	8.85	11.1	12.11
00406p	PH, FIELD, STANDARD UNITS SU	07/30/94-08/05/97	12	7.785	7.763	7.82	7.63	0.003	0.059	7.642	7.735	7.8	7.817
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/30/94-08/05/97	12	7.785	7.759	7.82	7.63	0.003	0.059	7.642	7.735	7.8	7.817
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/94-08/05/97	12	0.016	0.017	0.023	0.015	0.	0.003	0.015	0.016	0.018	0.023
00480p	SALINITY - PARTS PER THOUSAND	07/30/94-08/05/97	12 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

Annual Analysis for 1996 - Station KATM0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/94-08/05/97	13	10.7	9.946	13.	5.5	9.689	3.113	5.54	6.3	12.9	13.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/94-08/05/97	13	80.	79.077	80.	78.	1.077	1.038	78.	78.	80.	80.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/30/94-08/05/97	13	114.7	114.5	119.8	107.	18.257	4.273	107.2	110.95	118.05	119.48
00406p	PH, FIELD, STANDARD UNITS SU	07/30/94-08/05/97	13	7.3	7.265	7.44	7.07	0.017	0.131	7.074	7.105	7.375	7.416
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/30/94-08/05/97	13	7.3	7.246	7.44	7.07	0.018	0.133	7.074	7.105	7.375	7.416
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/94-08/05/97	13	0.05	0.057	0.085	0.036	0.	0.018	0.038	0.042	0.079	0.084
00480p	SALINITY - PARTS PER THOUSAND	07/30/94-08/05/97	13 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

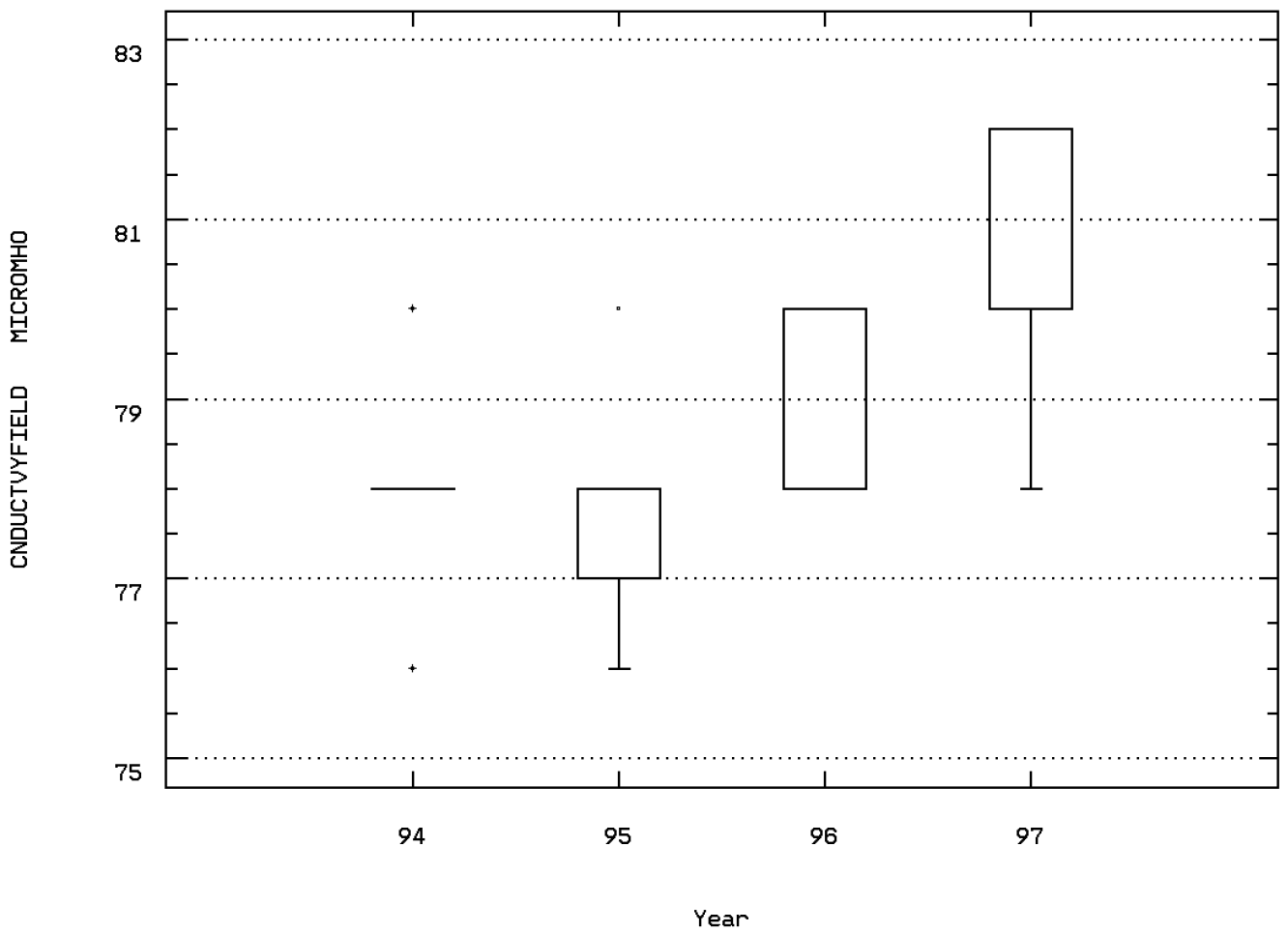
Annual Analysis for 1997 - Station KATM0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/94-08/05/97	11	16.9	14.055	18.1	5.9	18.891	4.346	6.28	9.9	17.1	18.04
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/94-08/05/97	11	80.	80.364	82.	78.	1.455	1.206	78.4	80.	82.	82.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/30/94-08/05/97	11	115.8	115.764	116.6	114.1	0.453	0.673	114.34	115.6	116.2	116.58
00406p	PH, FIELD, STANDARD UNITS SU	07/30/94-08/05/97	11	8.05	7.997	8.07	7.74	0.011	0.104	7.768	7.95	8.06	8.07
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/30/94-08/05/97	11	8.05	7.985	8.07	7.74	0.011	0.105	7.768	7.95	8.06	8.07
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/94-08/05/97	11	0.009	0.01	0.018	0.009	0.	0.003	0.009	0.009	0.011	0.017
00480p	SALINITY - PARTS PER THOUSAND	07/30/94-08/05/97	11 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

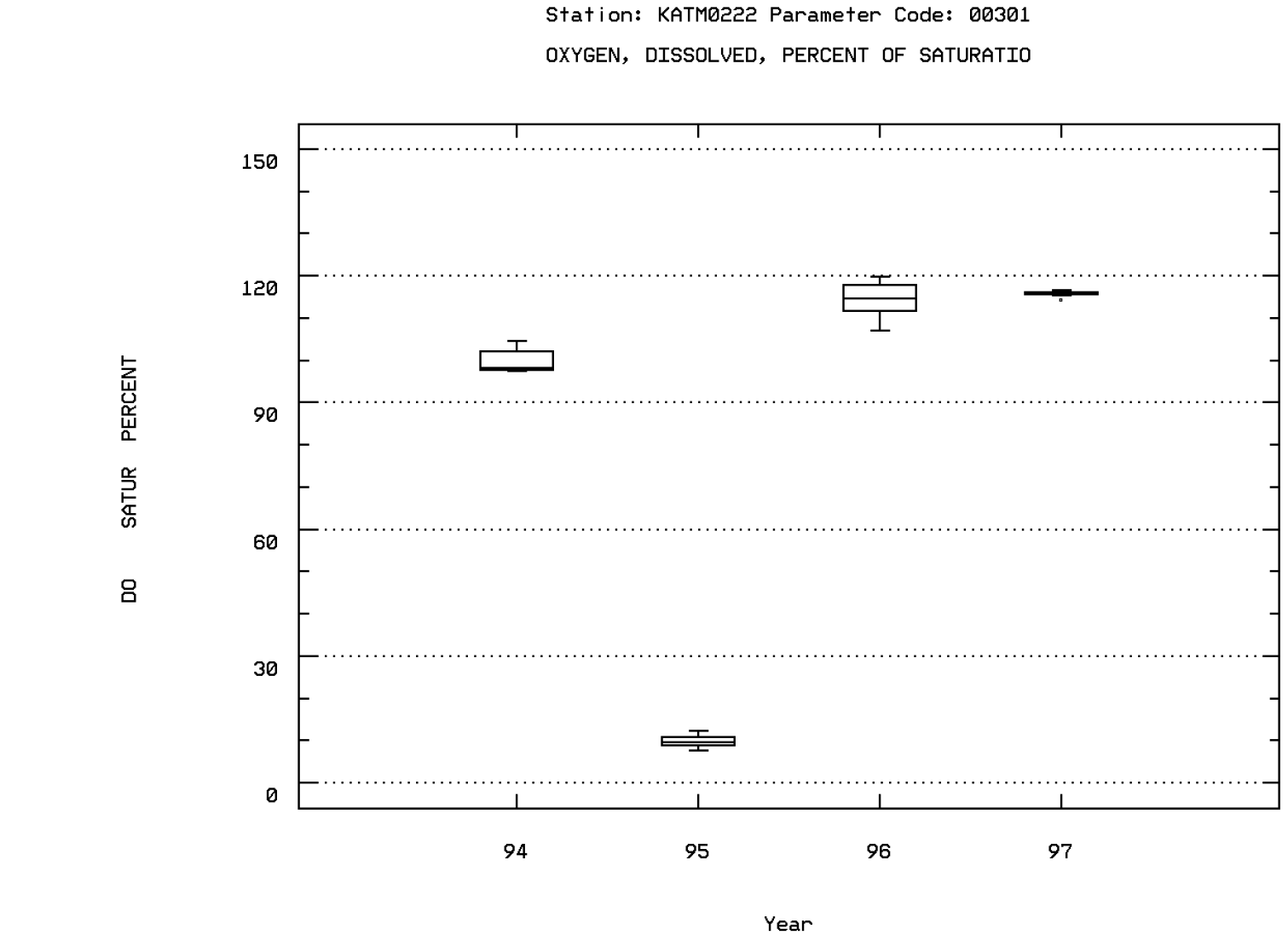
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: KATM0222 Parameter Code: 00094

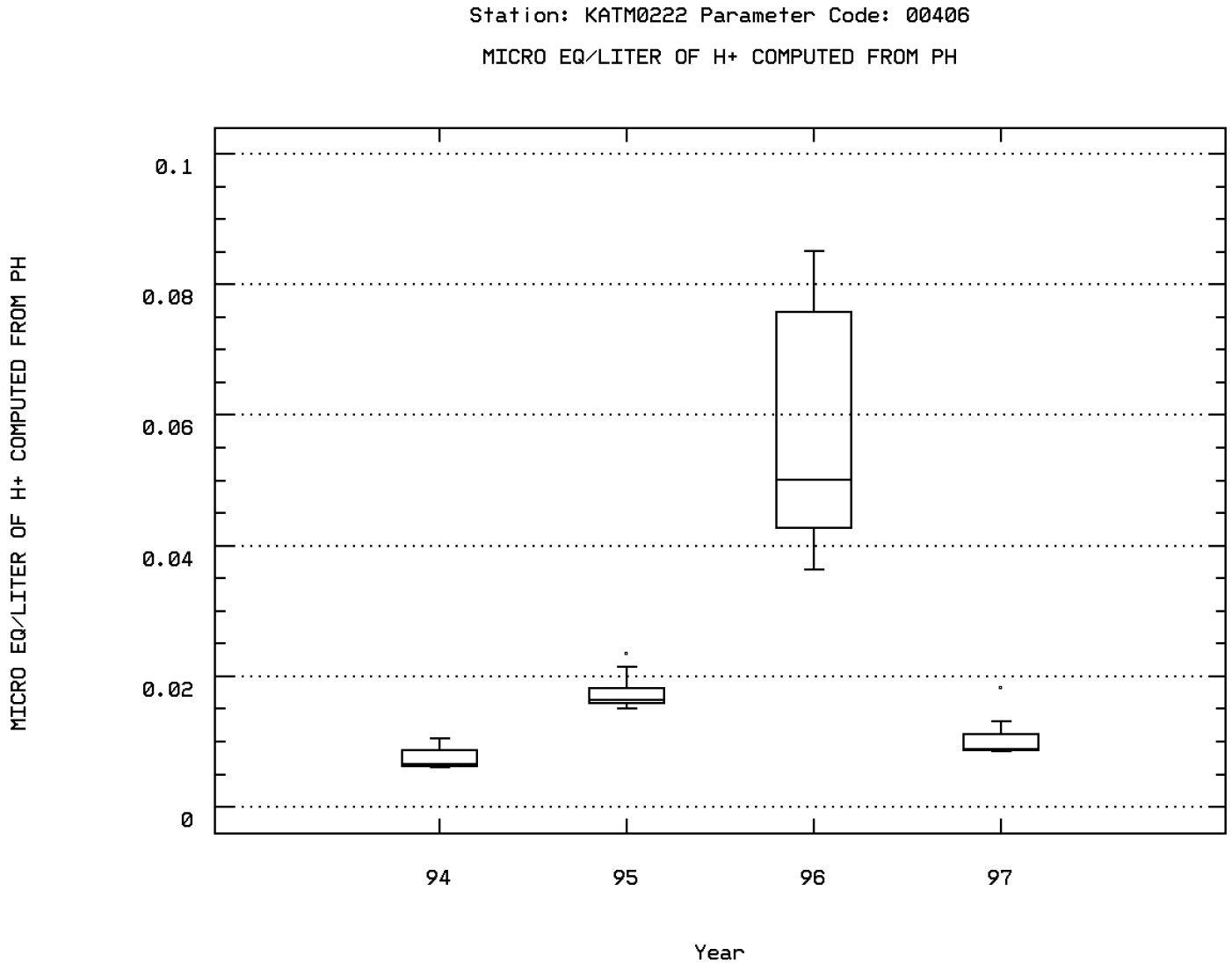
SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @



BROOKS LAKE


Station: KATM0222 Parameter Code: 00301
OXYGEN, DISSOLVED, PERCENT OF SATURATIO
DO SATUR PERCENT
150
120
90
60
30
0
94
95
96
97
Year

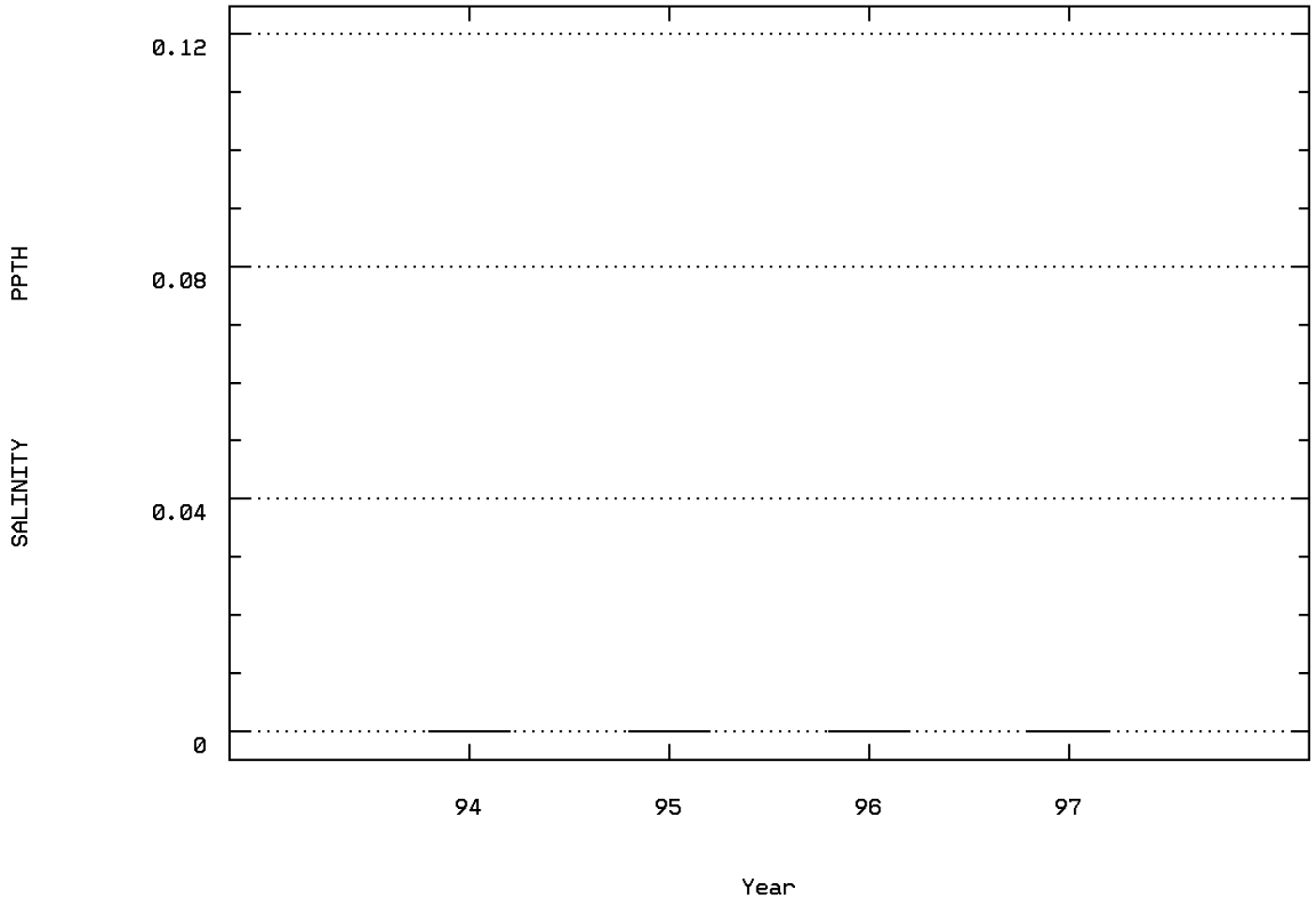
BROOKS LAKE


Station: KATM0222 Parameter Code: 00406
MICRO EQ/LITER OF H+ COMPUTED FROM PH
MICRO EQ/LITER OF H+ COMPUTED FROM PH
0.1
0.08
0.06
0.04
0.02
0
94
95
96
97
Year

BROOKS LAKE

Station: KATM0222 Parameter Code: 00480

SALINITY - PARTS PER THOUSAND



BROOKS LAKE

Station Inventory for Station: KATM0223

NPS Station ID: KATM0223 | LAT/LON: 58.761337/-155.916004 | Agency: 11NPSWRD | Date Created: 03/27/99
Location: IDAVAIN LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_NPS_IDA
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT IDAVAIN LAKE AND IS LOCATED INSIDE THE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. DATA ARE FROM THE KATM WATER QUALITY DATA BASE AND WERE COLLECTED FROM 1994 THROUGH 1997 BY KATM STAFF AS PART OF AN ON GOING STUDY TO MONITOR WATER QUALITY OF THE 11 LARGE KATM LAKES. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0223

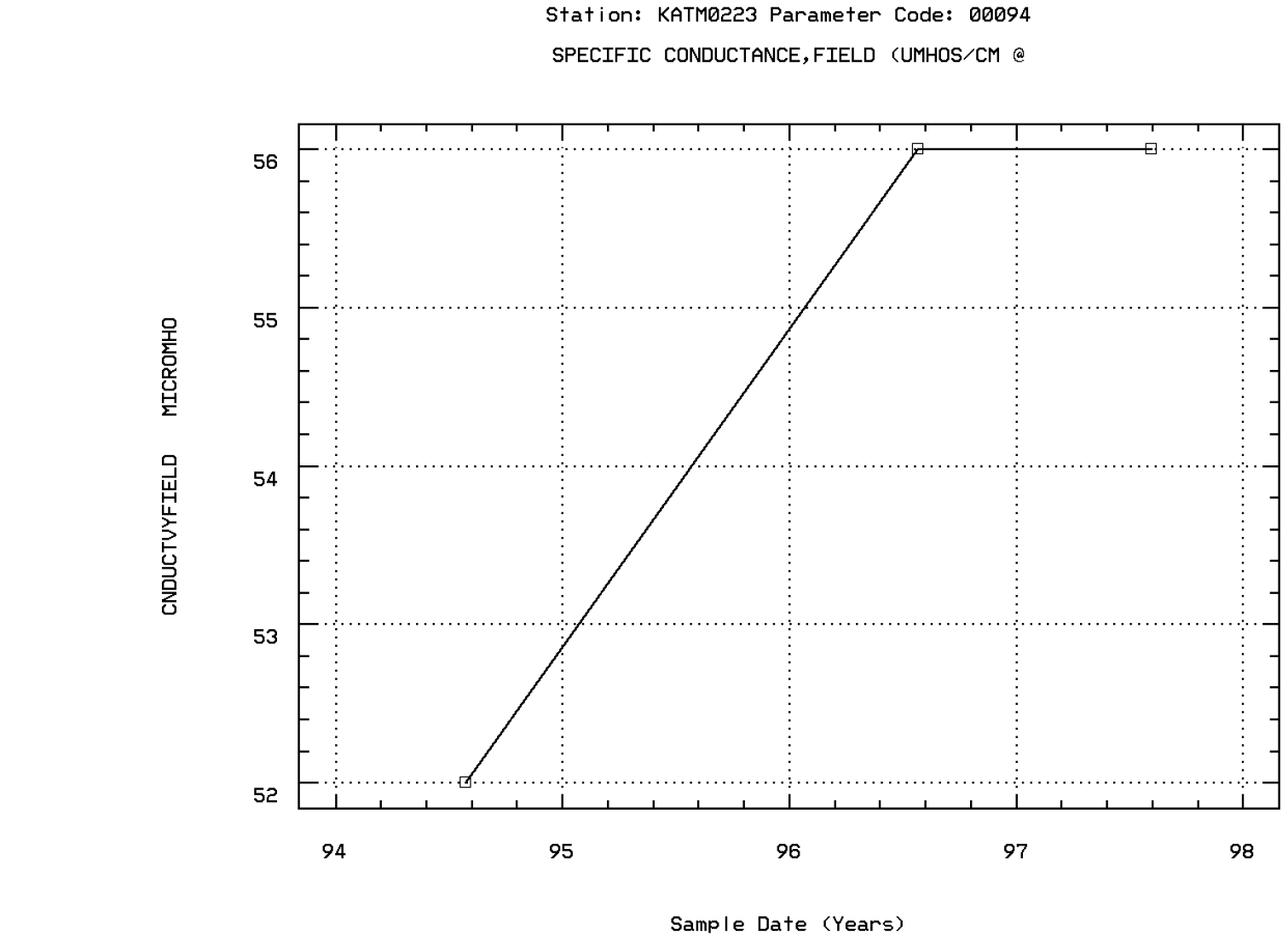
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/94-08/05/97	17	15.2	16.147	19.1	14.	4.169	2.042	14.08	14.3	18.7	19.02
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/28/94-08/05/97	4	6.45	6.475	7.6	5.4	0.889	0.943	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/28/94-08/05/97	17	56.	54.824	56.	52.	3.529	1.879	52.	52.	56.	56.
00299p	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/28/94-08/05/97	17	9.9	9.953	10.3	9.7	0.049	0.221	9.7	9.7	10.2	10.3
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/28/94-08/05/97	17	102.5	104.2	113.1	96.4	41.813	6.466	96.64	97.	112.35	112.78
00406p	PH, FIELD, STANDARD UNITS SU	07/28/94-08/05/97	17	8.17	8.128	8.24	8.	0.008	0.092	8.	8.035	8.21	8.232
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/28/94-08/05/97	17	8.17	8.118	8.24	8.	0.009	0.093	8.	8.035	8.21	8.232
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/94-08/05/97	17	0.007	0.008	0.01	0.006	0.	0.002	0.006	0.006	0.009	0.01
00480p	SALINITY - PARTS PER THOUSAND	07/28/94-08/05/97	17 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

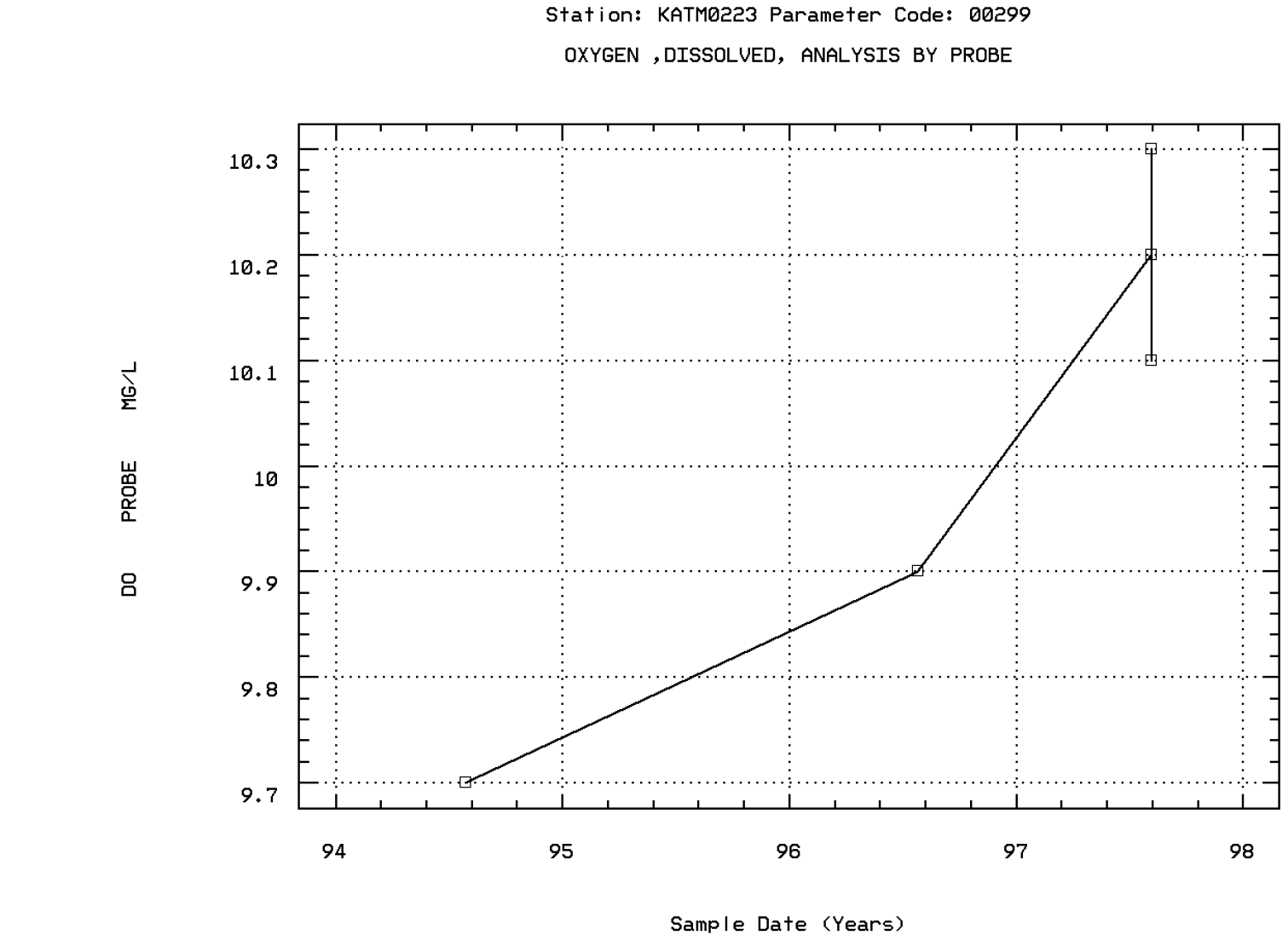
EPA Water Quality Criteria Analysis for Station: KATM0223

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	17	0	0.00	17	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	17	0	0.00	17	0	0.00									
		Other-Lo Lim.	6.5	17	0	0.00	17	0	0.00									

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



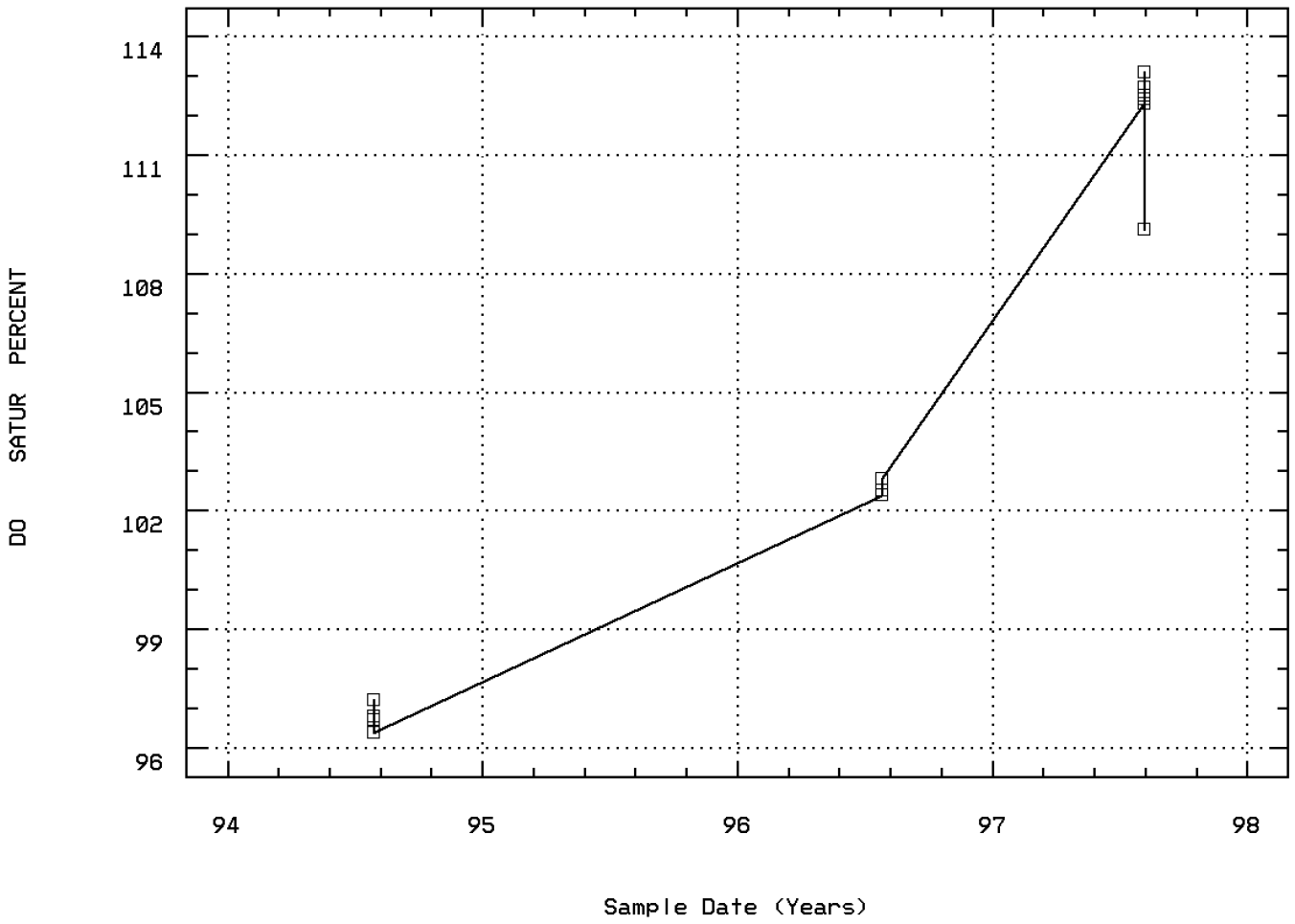
IDAVAIN LAKE



IDAVAIN LAKE

Station: KATM0223 Parameter Code: 00301

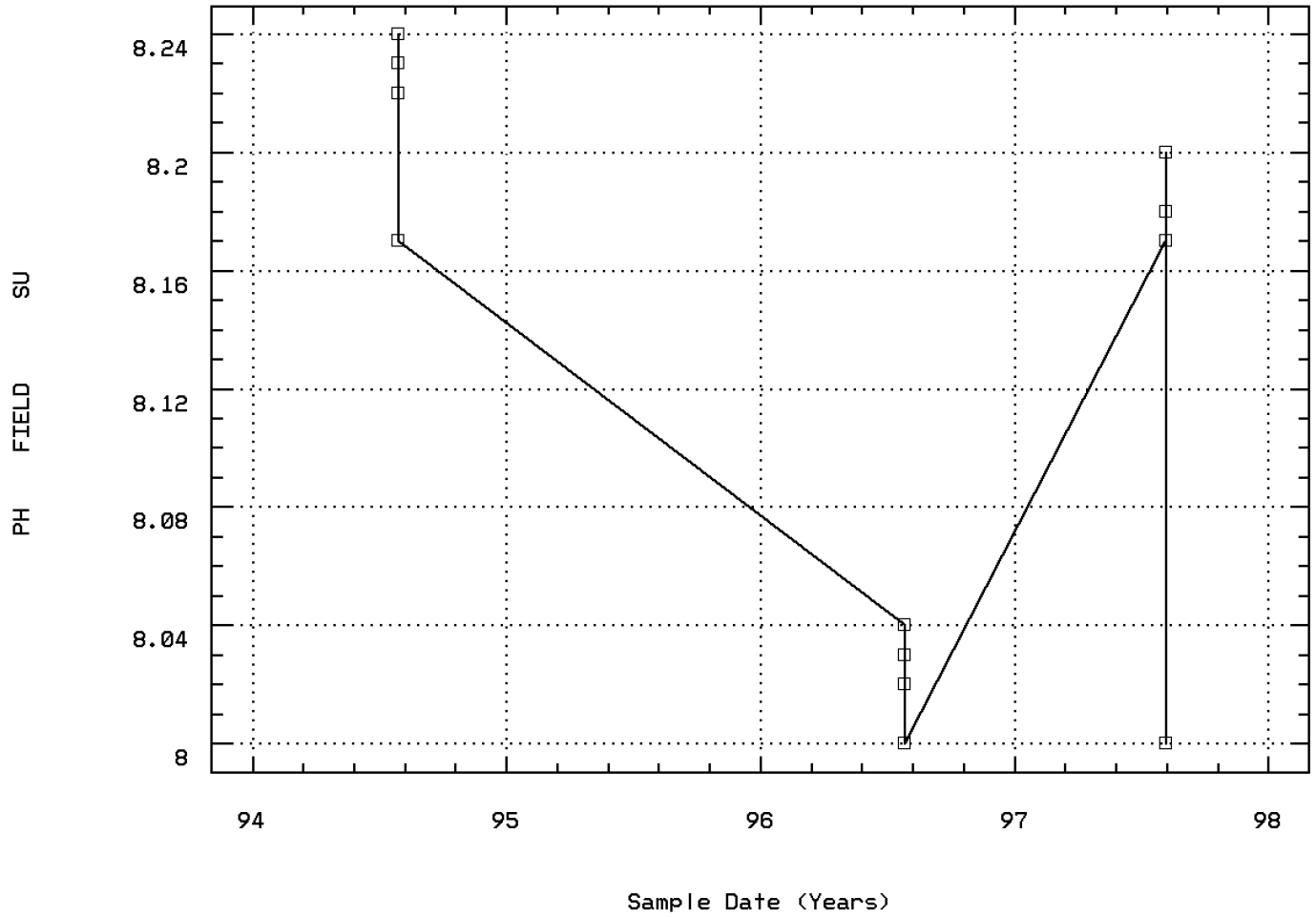
OXYGEN, DISSOLVED, PERCENT OF SATURATIO



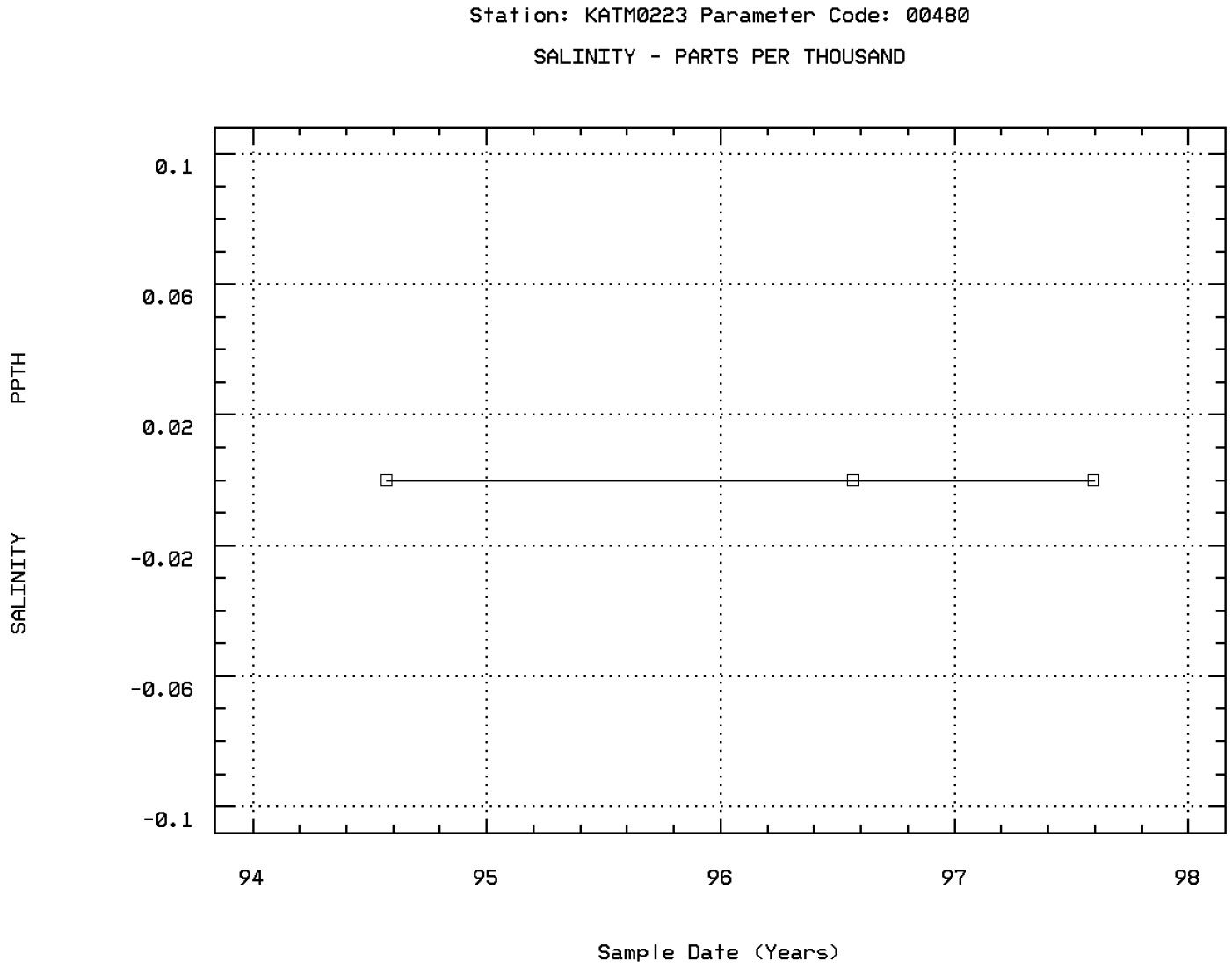
IDAVAIN LAKE

Station: KATM0223 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



IDAVAIN LAKE



IDAVAIN LAKE

Station Inventory for Station: KATM0224

NPS Station ID: KATM0224
LAT/LON: 59.333338/-155.916671
Agency: 21ADECWS
Date Created: 02/11/84
Location: Iguigig/State Operated School
FIPS State/County: 02070 ALASKA/DILLINGHAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SC27B8-000 /A05017A /19SC-092
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: Bristol Bay
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: KATM0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/24/80-04/24/80	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/24/80-04/24/80	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/24/80-04/24/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/24/80-04/24/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/80-04/24/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/24/80-04/24/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/24/80-04/24/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	04/24/80-04/24/80	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/24/80-04/24/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/24/80-04/24/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/24/80-04/24/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/24/80-04/24/80	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/24/80-04/24/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/24/80-04/24/80	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/24/80-04/24/80	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/24/80-04/24/80	1	39.	39.	39.	39.	0.	0.	**	**	**	**
70515	COLOR OF MEMBRANE FILTER FILTRATE (PT-CO UNITS)	04/24/80-04/24/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/24/80-04/24/80	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: KATM0224

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	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			

& - 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: KATM0224

Parameter				Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
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			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: KATM0225

NPS Station ID: KATM0225 | LAT/LON: 58.513142/-155.917866 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: BROOOKS LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_BCF_BRO
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 19 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT BROOKS LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. DATA FROM MULTIPLE SAMPLES WERE COMPOSITED INTO A SINGLE SAMPLE VALUE. DATA WERE COLLECTED BETWEEN BETWEEN JUNE 1961 AND MAY 1962; MORE EXACT SAMPLE DATES WERE NOT GIVEN. LIMNOLOGICAL DATA COLLECTION WAS SUPERVISED BY WILBUR L. HARTMAN; BUREAU OF COMMERCIAL FISHERIES (AUKE BAY LABORATORY). RESULTS WERE SUMMARIZED IN A REPORT TITLED "BIOLOGICAL STUDIES AND ESTIMATES OF OPTIMUM ESCAPEMENTS OF SOCKEYE SALMON IN THE MAJOR RIVER SYSTEMS IN SOUTHWESTERN ALASKA" (BURGNER ET. AL. 1969). FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0225

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: KATM0226

NPS Station ID: KATM0226 | LAT/LON: 58.479753/-155.920532 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: HIDDEN CREEK | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UAF_HC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT HIDDEN CREEK NEAR BROOKS LAKE INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/10/91-08/26/92	2	15.	15.	15.	15.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/91-08/26/92	2	8.05	8.05	8.7	7.4	0.845	0.919	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/10/91-08/26/92	2	1.3	1.3	1.4	1.2	0.02	0.141	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/10/91-08/26/92	2	15.5	15.5	18.	13.	12.5	3.536	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/10/91-08/26/92	2	9.5	9.5	18.	1.	144.5	12.021	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/91-08/26/92	2	104.5	104.5	116.	93.	264.5	16.263	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/10/91-08/26/92	2	6.945	6.945	7.46	6.43	0.53	0.728	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/10/91-08/26/92	2	6.692	6.692	7.46	6.43	0.658	0.811	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/91-08/26/92	2	0.203	0.203	0.372	0.035	0.057	0.238	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/10/91-08/26/92	2	38.5	38.5	42.	35.	24.5	4.95	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/10/91-08/10/91	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/10/91-08/10/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/10/91-08/10/91	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/10/91-08/26/92	2	0.185	0.185	0.22	0.15	0.002	0.049	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/10/91-08/10/91	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/92-08/26/92	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/26/92-08/26/92	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/10/91-08/10/91	3 ##	45.	45.	45.	45.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/10/91-08/26/92	2	0.018	0.018	0.021	0.015	0.	0.004	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/10/91-08/10/91	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/10/91-08/10/91	3	12.1	12.167	12.4	12.	0.043	0.208	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/10/91-08/10/91	3	3.	3.	3.	3.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/10/91-08/10/91	3	4.	4.	4.	4.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/10/91-08/10/91	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/91-08/26/92	2	12.5	12.5	23.	2.	220.5	14.849	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/91-08/26/92	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/10/91-08/10/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/10/91-08/10/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/10/91-08/10/91	3	430.	430.	440.	420.	100.	10.	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/10/91-08/10/91	3 ##	25.	23.333	25.	20.	8.333	2.887	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/10/91-08/10/91	3 ##	40.	33.333	40.	20.	133.333	11.547	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/10/91-08/10/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/10/91-08/10/91	3	8.	7.667	8.	7.	0.333	0.577	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/10/91-08/10/91	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/10/91-08/10/91	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/10/91-08/10/91	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/10/91-08/10/91	3	3.5	3.467	3.6	3.3	0.023	0.153	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/10/91-08/10/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/10/91-08/10/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/10/91-08/10/91	3	32.	32.333	33.	32.	0.333	0.577	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/10/91-08/10/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/10/91-08/10/91	3	120.	123.333	130.	120.	33.333	5.774	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/10/91-08/10/91	3 ##	1.	0.833	1.5	0.	0.583	0.764	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/10/91-08/10/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/10/91-08/10/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/10/91-08/10/91	3 ##	1.	1.167	1.5	1.	0.083	0.289	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/10/91-08/10/91	3	19.	19.	20.	18.	1.	1.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/10/91-08/10/91	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/10/91-08/10/91	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/10/91-08/10/91	3 ##	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/10/91-08/10/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/10/91-08/10/91	3	8430.	8420.	8440.	8390.	700.	26.458	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	08/26/92-08/26/92	1	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/10/91-08/10/91	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
80279	BOD, CARBONACEOUS,5 DAY, AND NH3-N,TOT,IN WTR,MG/L	08/10/91-08/10/91	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/26/92-08/26/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0226

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	3	0	0.00	3	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0226

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0227

NPS Station ID: KATM0227 | LAT/LON: 58.479753/-155.920532 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: HIDDEN CREEK NEAR BROOKS LAKE INLET | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_UCB_HDC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (B-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT HIDDEN CREEK AND IS ASSUMED TO BE NEAR THE BROOKS LAKE INLET. DATA COLLECTED IN JULY 1985 REPRESENT COMPOSITE SAMPLES. DATA COLLECTED ON 19 AUGUST 1984 ARE NOT COMPOSITE SAMPLES. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/84-08/19/84	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/84-07/01/85	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/84-08/19/84	1	4.	4.	4.	4.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0227

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0228

NPS Station ID: KATM0228
LAT/LON: 58.760587/-155.928449
Agency: 11NPSWRD
Date Created: 03/13/99
Location: IDAVAIN LAKE SAMPLING STATION
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_UAF_IL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT IDAVAIN INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE ON 2 AUGUST 1990 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 1 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0228

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/90-08/02/90	6	14.15	14.15	14.2	14.1	0.003	0.055	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/02/90-08/02/90	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	08/02/90-08/02/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/02/90-08/02/90	6	83.	82.833	85.	81.	1.767	1.329	**	**	**	**
00204	DEPTH IN METERS AT WHICH 1% SURFACE LIGHT REMAINS	08/02/90-08/02/90	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/02/90-08/02/90	5	10.	10.1	10.3	10.	0.02	0.141	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/02/90-08/02/90	6	8.1	8.233	8.8	8.	0.103	0.32	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/02/90-08/02/90	6	8.089	8.156	8.8	8.	0.11	0.331	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/90-08/02/90	6	0.008	0.007	0.01	0.002	0.	0.004	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/02/90-08/02/90	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/02/90-08/02/90	3 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/90-08/02/90	1	0.022	0.022	0.022	0.022	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/90-08/02/90	3	5.4	5.467	5.6	5.4	0.013	0.115	**	**	**	**
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/02/90-08/02/90	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/02/90-08/02/90	3	3.	3.	3.	3.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/02/90-08/02/90	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/90-08/02/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/90-08/02/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/02/90-08/02/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/02/90-08/02/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/02/90-08/02/90	3	32.	32.333	35.	30.	6.333	2.517	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/02/90-08/02/90	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0228

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/02/90-08/02/90	3 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/02/90-08/02/90	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/02/90-08/02/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/02/90-08/02/90	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/02/90-08/02/90	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/02/90-08/02/90	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/02/90-08/02/90	3	1.6	1.433	1.7	1.	0.143	0.379	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/02/90-08/02/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/02/90-08/02/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/02/90-08/02/90	3	24.	24.	24.	24.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/02/90-08/02/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/02/90-08/02/90	3 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/02/90-08/02/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/02/90-08/02/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/02/90-08/02/90	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/02/90-08/02/90	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/02/90-08/02/90	3	9.	9.	9.	9.	0.	0.	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/02/90-08/02/90	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/02/90-08/02/90	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/02/90-08/02/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/02/90-08/02/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/02/90-08/02/90	3	3360.	3363.333	3400.	3330.	1233.333	35.119	**	**	**	**
50971	EXTINCTION COEFFICIENT (K) PER METER COEFF	08/02/90-08/02/90	1	0.411	0.411	0.411	0.411	0.	0.	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/02/90-08/02/90	3 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/02/90-08/02/90	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0228

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	5	0	0.00	5	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	3	0	0.00	3	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	3	0	0.00	3	0	0.00									
		Drinking Water	4.	3	0	0.00	3	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	3	0	0.00	3	0	0.00									
		Drinking Water	5000.	3	0	0.00	3	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	3	0	0.00	3	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0228

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	3	0	0.00	3	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0229

NPS Station ID: KATM0229 | LAT/LON: 58.657782/-155.931004 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NAKNEK LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_BCF_NAK
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 10 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT NAKNEK LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. DATA FROM MULTIPLE SAMPLES WERE COMPOSITED INTO A SINGLE SAMPLE VALUE. DATA WERE COLLECTED BETWEEN JUNE 1961 AND MAY 1962; MORE EXACT SAMPLE DATES WERE NOT GIVEN. LIMNOLOGICAL DATA COLLECTION WAS SUPERVISED BY WILBUR L. HARTMAN; BUREAU OF COMMERCIAL FISHERIES (AUKE BAY LABORATORY). RESULTS WERE SUMMARIZED IN A REPORT TITLED "BIOLOGICAL STUDIES AND ESTIMATES OF OPTIMUM ESCAPEMENTS OF SOCKEYE SALMON IN THE MAJOR RIVER SYSTEMS IN SOUTHWESTERN ALASKA" (BURGNER ET. AL. 1969). FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0229

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: KATM0230

NPS Station ID: KATM0230
LAT/LON: 58.531753/-155.938005
Agency: 11NPSWRD
Date Created: 03/13/99
Location: WEST CREEK NEAR BROOKS LAKE INLET
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_UCB_WC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT WEST CREEK AND IS ASSUMED TO BE NEAR THE BROOKS LAKE INLET. COMPOSITE DATA WERE COLLECTED AT THIS SITE IN JULY 1985. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0230

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: KATM0231

NPS Station ID: KATM0231
LAT/LON: 58.531753/-155.938005
Agency: 11NPSWRD
Date Created: 03/13/99
Location: WEST CREEK/BROOKS LAKE STREAM 5
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_UAF_BR5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (C-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT WEST CREEK (BROOKS LAKE STREAM 5) INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	09/04/90-08/24/92	3	8.	8.667	11.	7.	4.333	2.082	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/90-08/08/91	2	10.8	10.8	12.1	9.5	3.38	1.838	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/04/90-08/24/92	3	1.	1.033	1.3	0.8	0.063	0.252	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/04/90-08/24/92	3	12.	11.	18.	3.	57.	7.55	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/08/91-08/08/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/08/91-08/08/91	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/90-09/04/90	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/04/90-08/08/91	2	6.79	6.79	7.8	5.78	2.04	1.428	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/04/90-08/08/91	2	6.077	6.077	7.8	5.78	3.057	1.748	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/90-08/08/91	2	0.838	0.838	1.66	0.016	1.351	1.162	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/04/90-08/08/91	2	41.5	41.5	45.	38.	24.5	4.95	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/04/90-08/08/91	2	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/08/91-08/08/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/08/91-08/08/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/08/91-08/26/92	2	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/08/91-08/08/91	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/92-08/26/92	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/26/92-08/26/92	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/04/90-08/08/91	5 ##	45.	57.	100.	45.	582.5	24.135	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/04/90-08/26/92	3	0.008	0.007	0.01	0.004	0.	0.003	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/08/91-08/08/91	1	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/04/90-08/08/91	5	11.	14.32	19.8	11.	20.792	4.56	**	**	**	**

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

Parameter Inventory for Station: KATM0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	09/04/90-08/08/91	5	3.	3.	3.	3.	0.	0.	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	09/04/90-08/08/91	5	4.	4.4	5.	4.	0.3	0.548	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	09/04/90-08/08/91	5	0.5	0.51	0.8	0.25	0.043	0.207	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/04/90-08/08/91	2	8.5	8.5	13.	4.	40.5	6.364	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/04/90-08/08/91	2 ##	3.	3.	6.	0.	18.	4.243	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/04/90-08/08/91	5 ##	20.	21.	25.	20.	5.	2.236	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	09/04/90-08/08/91	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/04/90-08/08/91	5	310.	540.	920.	310.	99800.	315.911	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	09/04/90-08/08/91	5 ##	20.	27.	40.	20.	95.	9.747	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	09/04/90-08/08/91	5 ##	20.	26.	40.	20.	80.	8.944	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	09/04/90-08/08/91	5 ##	20.	21.	25.	20.	5.	2.236	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	09/04/90-08/08/91	5 ##	1.	2.	4.	1.	2.	1.414	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	09/04/90-08/08/91	5 ##	1.5	1.6	2.	1.5	0.05	0.224	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	09/04/90-08/08/91	5 ##	0.	0.11	0.3	0.	0.023	0.152	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	09/04/90-08/08/91	5 ##	10.	12.	15.	10.	7.5	2.739	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	09/04/90-08/08/91	5	3.7	4.26	5.3	3.6	0.743	0.862	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	09/04/90-08/08/91	5 ##	5.	6.	10.	5.	5.	2.236	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/04/90-08/08/91	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	09/04/90-08/08/91	5	50.	60.6	78.	49.	224.8	14.993	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/04/90-08/08/91	5 ##	1.	1.9	5.	1.	3.05	1.746	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	09/04/90-08/08/91	5 ##	10.	31.	110.	10.	1955.	44.215	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/04/90-08/08/91	5 ##	1.	1.3	2.	1.	0.2	0.447	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/04/90-08/08/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	09/04/90-08/08/91	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/04/90-08/08/91	5 ##	1.	1.2	1.5	1.	0.075	0.274	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/04/90-08/08/91	5	25.	40.2	67.	23.	515.2	22.698	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	09/04/90-08/08/91	5 ##	2.5	2.7	3.	2.5	0.075	0.274	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	09/04/90-08/08/91	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/08/91-08/08/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	09/04/90-08/08/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	09/04/90-08/08/91	5	5150.	6276.	8190.	5000.	2735430.	1653.914	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	09/04/90-08/26/92	2	0.365	0.365	0.45	0.28	0.014	0.12	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	09/04/90-08/08/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
80279	BOD, CARBONACEOUS,5 DAY, AND NH3-N,TOT,IN WTR,MG/L	08/08/91-08/08/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/04/90-08/26/92	2	0.75	0.75	0.9	0.6	0.045	0.212	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0231

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	5	0	0.00	5	0	0.00									
		Drinking Water	50.	5	0	0.00	5	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	5	0	0.00	5	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	5	0	0.00	5	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	5	0	0.00	5	0	0.00									
		Drinking Water	4.	5	0	0.00	5	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	5	0	0.00	5	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	5	0	0.00	5	0	0.00									
		Drinking Water	100.	5	0	0.00	5	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	5	0	0.00	5	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0231

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	5	0	0.00	5	0	0.00									
		Drinking Water	5000.	5	0	0.00	5	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	5	0	0.00	5	0	0.00									
		Drinking Water	5.	5	0	0.00	5	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	5	0	0.00	5	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	5	0	0.00	5	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	5	0	0.00	5	0	0.00									
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	5	0	0.00	5	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: KATM0232

NPS Station ID: KATM0232
LAT/LON: 58.770116/-155.951782
Agency: 11NPSWRD
Date Created: 03/13/99
Location: IDAVAIN LAKE
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_AMS_IDA
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 223
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MT. KATMAI (D-6) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT IDAVAIN LAKE AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. THE VALUE UPLOADED TO STORET IS THE MEAN OF TWO SAMPLES; WHERE EACH SAMPLE IS THE MEAN OF TWO REPLICATES. DATA ARE SUMMARIZED IN A 1992 REPORT TITLED "A CHEMICAL SURVEY OF REMOTE LAKES OF THE ALAGNAK AND NAKNEK RIVER SYSTEMS; SOUTHWEST ALASKA; U.S.A." BY ANDREW J. GUNTHER (APPLIED MARINE SCIENCES INC.; LIVERMORE CA). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	07/20/86-07/20/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/20/86-07/20/86	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/86-07/20/86	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/86-07/20/86	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/20/86-07/20/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/20/86-07/20/86	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/20/86-07/20/86	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/20/86-07/20/86	1	2.97	2.97	2.97	2.97	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/20/86-07/20/86	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/20/86-07/20/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/20/86-07/20/86	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/20/86-07/20/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/20/86-07/20/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/20/86-07/20/86	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	07/20/86-07/20/86	1	1.02	1.02	1.02	1.02	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: KATM0232

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
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									
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									

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

Station Inventory for Station: KATM0233

NPS Station ID: KATM0233
LAT/LON: 58.473977/-156.028921
Agency: 11NPSWRD
Date Created: 03/13/99
Location: BROOKS LAKE STATION 4
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_UMDF_BL4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 19
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NAKNEK (B-1) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE BOUNDARIES OF KATMAI NATIONAL PARK AND PRESERVE (KATM). THE SITE IS AT BROOKS LAKE AND IS ASSUMED TO BE NEAR THE WESTERN HALF OF THE LAKE. COMPOSITE DATA WERE COLLECTED AT THIS SITE BETWEEN 4 JULY 1957 AND 3 SEPTEMBER 1957. VALUES REPRESENT A MEAN OVER DEPTH AND TIME. PARAMETERS WERE ASSUMED TO BE MEASURED AS TOTAL AND NITRITE WAS ASSUMED TO BE MEASURED AS NITROGEN. DATA ARE SUMMARIZED IN A 1960 REPORT BY CHARLES R. GOLDMAN TITLED "PRIMARY PRODUCTIVITY AND LIMITING FACTORS IN THREE LAKES OF THE ALASKA PENINSULA." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0233

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: KATM0234

NPS Station ID: KATM0234 LAT/LON: 58.469892/-156.049116 Agency: 11NPSWRD Date Created: 03/13/99
Location: HEADWATER CREEK NEAR BROOKS LAKE INLET FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_UCB_HWC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NAKNEK (B-1) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT HEADWATER CREEK AND IS ASSUMED TO BE NEAR THE BROOKS LAKE INLET. DATA COLLECTED IN JULY 1985 REPRESENT COMPOSITE SAMPLES. DATA COLLECTED ON 18 AUGUST 1984 DO NOT REPRESENT COMPOSITE SAMPLES. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/18/84-08/18/84	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/18/84-08/18/84	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/84-08/18/84	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/84-08/18/84	1	40.	40.	40.	40.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0234

				Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	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: KATM0235

NPS Station ID: KATM0235 LAT/LON: 58.469892/-156.049171 Agency: 11NPSWRD Date Created: 03/13/99
Location: HEADWATER CREEK/BROOKS LAKE STREAM 4 FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_UAF_BR4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NAKNEK (B-1) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT HEADWATER CREEK (BROOKS LAKE STREAM 4) INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/29/90-08/29/90	1	113.	113.	113.	113.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/90-08/24/92	3	9.	8.567	9.1	7.6	0.703	0.839	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/29/90-08/29/90	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/29/90-08/29/90	1	265.	265.	265.	265.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/10/91-08/24/92	2	21.5	21.5	40.	3.	684.5	26.163	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/91-08/24/92	2	79.5	79.5	84.	75.	40.5	6.364	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/90-08/29/90	1	86.	86.	86.	86.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/29/90-08/24/92	3	7.21	6.893	7.5	5.97	0.66	0.813	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/29/90-08/24/92	3	7.21	6.411	7.5	5.97	1.01	1.005	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/90-08/24/92	3	0.062	0.388	1.072	0.032	0.35	0.592	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/29/90-08/24/92	3	34.	32.667	35.	29.	10.333	3.215	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/29/90-08/10/91	2	6.1	6.1	12.	0.2	69.62	8.344	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/10/91-08/10/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	08/10/91-08/10/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/10/91-08/24/92	2	0.6	0.6	0.68	0.52	0.013	0.113	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/10/91-08/10/91	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/24/92-08/24/92	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/24/92-08/24/92	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	08/29/90-08/10/91	5 ##	50.	56.	90.	45.	367.5	19.17	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/90-08/24/92	3	0.046	0.05	0.062	0.042	0.	0.011	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/10/91-08/10/91	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/29/90-08/10/91	5	8.	8.14	8.7	7.6	0.283	0.532	**	**	**	**

** - Less than 9 observations ## - 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: KATM0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00921	MAGNESIUM,TOTAL RECOVERABLE IN WATER AS MG MG/L	08/29/90-08/10/91	5	3.	2.6	3.	2.	0.3	0.548	**	**	**	**
00923	SODIUM,TOTAL RECOVERABLE IN WATER AS NA MG/L	08/29/90-08/10/91	5	4.	4.	4.	4.	0.	0.	**	**	**	**
00939	POTASSIUM,TOTAL RECOVERABLE IN WATER AS K MG/L	08/29/90-08/10/91	5	0.8	0.86	1.	0.7	0.018	0.134	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/90-08/24/92	3	5.	8.667	19.	2.	82.333	9.074	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/90-08/24/92	3 ##	0.	4.	12.	0.	48.	6.928	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/29/90-08/10/91	5 ##	20.	22.	25.	20.	7.5	2.739	**	**	**	**
00979	COBALT,TOTAL RECOVERABLE IN WATER AS CO UG/L	08/29/90-08/10/91	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/29/90-08/10/91	5	716.	702.4	906.	560.	20690.8	143.843	**	**	**	**
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS SE UG/L	08/29/90-08/10/91	5 ##	20.	26.	35.	20.	67.5	8.216	**	**	**	**
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS TL UG/L	08/29/90-08/10/91	5 ##	20.	24.	30.	20.	30.	5.477	**	**	**	**
00983	TIN,TOTAL RECOVERABLE IN WATER AS SN UG/L	08/29/90-08/10/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
00984	TITANIUM,TOTAL RECOVERABLE IN WATER AS TI UG/L	08/29/90-08/10/91	5	19.	18.	31.	9.	81.	9.	**	**	**	**
00985	VANADIUM, TOTAL RECOVERABLE IN WATER AS V UG/L	08/29/90-08/10/91	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	08/29/90-08/10/91	5 ##	0.	0.1	0.25	0.	0.019	0.137	**	**	**	**
00999	BORON,TOTAL RECOVERABLE IN WATYER AS B UG/L	08/29/90-08/10/91	5 ##	10.	12.	15.	10.	7.5	2.739	**	**	**	**
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS A BA UG/L	08/29/90-08/10/91	5	4.9	5.04	6.1	4.3	0.578	0.76	**	**	**	**
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	08/29/90-08/10/91	5 ##	5.	7.	10.	5.	7.5	2.739	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/29/90-08/10/91	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01084	STRONTIUM,TOTAL RECOVERABLE IN WATER AS SR UG/L	08/29/90-08/10/91	5	30.	30.6	33.	29.	3.3	1.817	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/29/90-08/10/91	5	3.	5.6	15.	1.	32.8	5.727	**	**	**	**
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	08/29/90-08/10/91	5	310.	306.	470.	190.	13630.	116.748	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/29/90-08/10/91	5 ##	1.	1.4	2.	1.	0.3	0.548	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/29/90-08/10/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	08/29/90-08/10/91	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/29/90-08/10/91	5 ##	1.5	1.8	4.	1.	1.575	1.255	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/29/90-08/10/91	5	40.	40.	47.	36.	20.5	4.528	**	**	**	**
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	08/29/90-08/10/91	5 ##	2.5	2.7	3.	2.5	0.075	0.274	**	**	**	**
01134	LITHIUM,TOTAL RECOVERABLE IN WATER AS LI UG/L	08/29/90-08/10/91	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01154	TUNGSTEN, TOTAL (UG/L AS W)	08/10/91-08/10/91	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE UG/L	08/29/90-08/10/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
50113	SILICON,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/90-08/10/91	5	8780.	8648.	8880.	8330.	66470.	257.818	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	08/29/90-08/24/92	2	0.89	0.89	1.38	0.4	0.48	0.693	**	**	**	**
61245	BISMUTH,TOTAL RECOVERABLE IN WATER AS BI UG/L	08/29/90-08/10/91	5 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
80279	BOD, CARBONACEOUS,5 DAY, AND NH3-N,TOT,IN WTR,MG/L	08/10/91-08/10/91	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/29/90-08/24/92	2	2.3	2.3	2.6	2.	0.18	0.424	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0235

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	1	0.33	3	1	0.33									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	5	0	0.00	5	0	0.00									
		Drinking Water	50.	5	0	0.00	5	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	5	0	0.00	5	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	5	0	0.00	5	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	5	0	0.00	5	0	0.00									
		Drinking Water	4.	5	0	0.00	5	0	0.00									
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	5	0	0.00	5	0	0.00									
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	5	0	0.00	5	0	0.00									
		Drinking Water	100.	5	0	0.00	5	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	5	0	0.00	5	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: KATM0235

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	5	0	0.00	5	0	0.00									
		Drinking Water	5000.	5	0	0.00	5	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	5	0	0.00	5	0	0.00									
		Drinking Water	5.	5	0	0.00	5	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	5	0	0.00	5	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	5	0	0.00	5	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	5	0	0.00	5	0	0.00									
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	5	0	0.00	5	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: KATM0236

NPS Station ID: KATM0236 LAT/LON: 58.464142/-156.090171 Agency: 11NPSWRD Date Created: 03/13/99
Location: LAST TRIB. TO HEADWATER CRK ABOVE BROOKS LAKE FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): KATM_UCB_THC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030204 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NAKNEK (B-1) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT A TRIBUTARY TO HEADWATER CREEK AND IS ASSUMED TO BE THE LAST TRIBUTARY TO ENTER HEADWATER CREEK PRIOR TO ENTERING BROOKS LAKE. DATA WERE COLLECTED AT THIS SITE ON 19 AUGUST 1984. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0236

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/84-08/19/84	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/84-08/19/84	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0236

				Total	Exceed	Prop.	7/20-10/14			10/15-2/19			2/20-5/09			5/10-7/19		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0237

NPS Station ID: KATM0237 | LAT/LON: 58.399477/-156.145281 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: TONY MALONE'S LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_UCB_MAL
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NAKNEK (B-1) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT TONY MALONE'S LAKE (AN UNOFFICIAL NAME FOR A SMALL TUNDRA LAKE IN KATM) AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. DATA WERE COLLECTED AT THIS SITE ON 25 AUGUST 1984. DATA ARE SUMMARIZED IN A 1985 ANNUAL REPORT TO THE NATIONAL PARK SERVICE TITLED "NITROGEN FIXATION BY LICHENS IN A SUB-ARCTIC WATERSHED" BY DR. JOHN HARTE AND ANDREW GUNTHER; ENERGY AND RESOURCES GROUP (UNIVERSITY OF CALIFORNIA-BERKELEY). FOR MORE INFORMATION CONTACT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0237

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/25/84-08/25/84	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/25/84-08/25/84	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/84-08/25/84	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/25/84-08/25/84	1	40.	40.	40.	40.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0237

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	1	1.00	1	1	1.00									
		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: KATM0238

NPS Station ID: KATM0238 | LAT/LON: 58.399031/-156.145616 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: TONY MALONE'S LAKE | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): KATM_AMS_TON
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 76 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NAKNEK (B-1) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT TONY MALONE'S LAKE (THE UNOFFICIAL NAME FOR A SMALL TUNDRA LAKE IN KATM) AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. THE VALUE UPLOADED TO STORET IS THE MEAN OF TWO REPLICATES. DATA ARE SUMMARIZED IN A 1992 REPORT TITLED "A CHEMICAL SURVEY OF REMOTE LAKES OF THE ALAGNAK AND NAKNEK RIVER SYSTEMS; SOUTHWEST ALASKA; U.S.A." BY ANDREW J. GUNTHER (APPLIED MARINE SCIENCES INC.; LIVERMORE CA). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0238

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/23/84-08/23/84	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/23/84-08/23/84	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/84-08/23/84	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/84-08/23/84	1	40.	40.	40.	40.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0238

				Total	Exceed	Prop.	7/20-10/14			10/15-2/19			2/20-5/09			5/10-7/19		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	1	1.00	1	1	1.00									
		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: KATM0239

NPS Station ID: KATM0239
LAT/LON: 58.736115/-156.250392
Agency: 11NPSWRD
Date Created: 03/13/99
Location: CAT CREEK
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): KATM_UAF_CC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 0
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NAKNEK (B-1) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE. THE SITE IS AT CAT CREEK INSIDE THE BOUNDARY OF KATMAI NATIONAL PARK AND PRESERVE (KATM). DATA WERE COLLECTED AT THIS SITE BETWEEN 1990 AND 1992 BY JACQUELINE D. LAPERRIERE; ALASKA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT (UNIVERSITY OF ALASKA-FAIRBANKS). DATA WERE SUMMARIZED IN THE FEBRUARY 1996 FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "WATER QUALITY INVENTORY AND MONITORING-KATMAI NATIONAL PARK AND PRESERVE" (INTERAGENCY AGREEMENT IA 9700-0-9017). MAP LOCATIONS ARE FROM FIGURE 3 OF THE REPORT. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/24/92-08/24/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/92-08/24/92	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	08/24/92-08/24/92	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/92-08/24/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/92-08/24/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/92-08/24/92	1	113.	113.	113.	113.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/24/92-08/24/92	1	6.33	6.33	6.33	6.33	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/92-08/24/92	1	6.33	6.33	6.33	6.33	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/92-08/24/92	1	0.468	0.468	0.468	0.468	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/92-08/24/92	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/24/92-08/24/92	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/24/92-08/24/92	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/24/92-08/24/92	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/92-08/24/92	1	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/92-08/24/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/92-08/24/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
61195	CHLOROPHYLL-A, SESTONIC MG/L	08/24/92-08/24/92	1	2.12	2.12	2.12	2.12	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/92-08/24/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0239

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: KATM0240

NPS Station ID: KATM0240
LAT/LON: 58.441059/-156.266366
Agency: 11NPSWRD
Date Created: 03/13/99
Location: PECKER LAKE
FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): KATM_AMS_PEC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin: ALASKA
Elevation: 68
Water Body Id:
Minor Basin: BRISTOL BAY
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NAKNEK (B-1) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE KATMAI NATIONAL PARK AND PRESERVE (KATM) BOUNDARIES. THE SITE IS LOCATED AT PECKER LAKE (THE UNOFFICIAL NAME FOR A SMALL TUNDRA LAKE IN KATM) AND IS ASSUMED TO BE NEAR THE CENTER OF THE LAKE. THE VALUE UPLOADED TO STORET IS THE MEAN OF TWO SAMPLES; WHERE EACH SAMPLE IS THE MEAN OF TWO REPLICATES. DATA ARE SUMMARIZED IN A 1992 REPORT TITLED "A CHEMICAL SURVEY OF REMOTE LAKES OF THE ALAGNAK AND NAKNEK RIVER SYSTEMS; SOUTHWEST ALASKA; U.S.A." BY ANDREW J. GUNTHER (APPLIED MARINE SCIENCES INC.; LIVERMORE CA). FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(907)246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	08/10/86-08/10/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/10/86-08/10/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/86-08/10/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/86-08/10/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/10/86-08/10/86	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/10/86-08/10/86	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/10/86-08/10/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/10/86-08/10/86	1	2.83	2.83	2.83	2.83	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/10/86-08/10/86	1	0.59	0.59	0.59	0.59	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/86-08/10/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/86-08/10/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/10/86-08/10/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/10/86-08/10/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/10/86-08/10/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/10/86-08/10/86	1	1.05	1.05	1.05	1.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0240

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
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									
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									

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

Station Inventory for Station: KATM0241

NPS Station ID: KATM0241 | LAT/LON: 58.668949/-156.453976 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NAKNEK RIVER NEAR LAKE CAMP | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_USFW_LCW2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NAKNEK (C-2) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE NAKNEK RIVER NEAR LAKE CAMP DOWNSTREAM OF A SUSPECTED SOURCE OF HYDROCARBON CONTAMINATION. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 13 AUGUST 1997. RESULTS WILL BE SUMMARIZED IN A FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; FINAL REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE SERVICE (USFW); ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/13/97-08/13/97	3	20.4	21.033	23.1	19.6	3.363	1.834	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.313	0.322	0.307	0.	0.008	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.313	0.322	0.307	0.	0.008	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.313	0.322	0.307	0.	0.008	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/13/97-08/13/97	3 ##	0.311	0.709	1.51	0.307	0.481	0.694	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.311	0.313	0.322	0.307	0.	0.008	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.449	0.728	0.307	0.059	0.242	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.653	1.34	0.307	0.354	0.595	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.709	1.51	0.307	0.481	0.694	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.313	0.322	0.307	0.	0.008	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.313	0.322	0.307	0.	0.008	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3	2.35	2.944	5.69	0.791	6.264	2.503	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.569	1.09	0.307	0.203	0.451	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.796	1.77	0.307	0.712	0.844	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.483	0.832	0.307	0.091	0.302	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.531	0.975	0.307	0.148	0.385	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.313	0.322	0.307	0.	0.008	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	3 ##	0.31	1.158	2.86	0.305	2.172	1.474	**	**	**	**
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	3 ##	0.31	0.855	1.95	0.305	0.899	0.948	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/13/97-08/13/97	3 ##	0.31	0.312	0.32	0.305	0.	0.008	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	3	0.67	0.92	1.78	0.31	0.587	0.766	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.32	3.642	10.3	0.305	33.25	5.766	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	0.75	2.172	5.46	0.305	8.159	2.856	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	4.02	4.857	8.21	2.34	9.139	3.023	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	2.34	4.64	10.2	1.38	23.416	4.839	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	4.42	6.163	10.3	3.77	12.94	3.597	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	3.89	12.173	31.2	1.43	273.023	16.523	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	6.11	6.617	8.21	5.53	1.988	1.41	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	27.3	27.367	33.7	21.1	39.693	6.3	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	7.67	7.347	7.84	6.53	0.507	0.712	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	8.92	9.303	10.9	8.09	2.084	1.444	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.31	0.312	0.32	0.305	0.	0.008	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	15.2	39.467	91.3	11.9	2017.743	44.919	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	70.6	96.333	173.	45.4	4567.093	67.58	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	16.9	82.767	218.	13.4	13719.103	117.129	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	20.3	17.9	21.	12.4	22.81	4.776	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	39.9	38.7	47.5	28.7	89.44	9.457	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	18.5	20.367	30.9	11.7	94.773	9.735	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	58.1	55.067	71.6	35.5	332.703	18.24	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	14.7	13.103	14.9	9.71	8.646	2.94	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	22.9	23.1	29.1	17.3	34.84	5.903	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	12.9	117.043	329.	9.23	33697.589	183.569	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	0.97	0.775	1.05	0.305	0.167	0.409	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.31	0.312	0.32	0.305	0.	0.008	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.31	0.312	0.32	0.305	0.	0.008	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.31	0.312	0.32	0.305	0.	0.008	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/13/97-08/13/97	3 ##	0.31	0.312	0.32	0.305	0.	0.008	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/13/97-08/13/97	3 ##	0.31	0.312	0.32	0.305	0.	0.008	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	93.7	173.867	373.	54.9	30116.923	173.542	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	0.87	9.023	25.4	0.8	201.148	14.183	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	4.94	93.933	273.	3.86	24048.945	155.077	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	12.5	117.363	333.	6.59	34883.111	186.77	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.32	0.493	0.85	0.31	0.095	0.309	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.32	0.51	0.9	0.31	0.114	0.338	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.31	0.312	0.32	0.305	0.	0.008	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.31	0.312	0.32	0.305	0.	0.008	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.31	0.312	0.32	0.305	0.	0.008	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/13/97-08/13/97	3 ##	0.31	0.312	0.32	0.305	0.	0.008	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.665	1.5	0.247	0.524	0.724	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.898	2.2	0.247	1.272	1.128	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	0.54	0.719	1.37	0.247	0.339	0.583	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	0.7	6.98	19.6	0.64	119.449	10.929	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.248	1.232	3.2	0.247	2.906	1.705	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.248	0.405	0.72	0.247	0.074	0.273	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.248	0.392	0.68	0.247	0.062	0.25	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	0.81	1.023	1.49	0.77	0.164	0.405	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**

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

Parameter Inventory for Station: KATM0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.247	3.485	9.96	0.247	31.449	5.608	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/13/97-08/13/97	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/13/97-08/13/97	3 ##	0.311	0.313	0.322	0.307	0.	0.008	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	0.6	1.682	4.2	0.247	4.786	2.188	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	31.8	30.467	36.5	23.1	46.223	6.799	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	10.4	92.167	262.	4.1	21642.443	147.114	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	3.8	74.633	217.	3.1	15201.323	123.294	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	44.7	43.4	57.	28.5	204.33	14.294	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	5.9	5.8	6.3	5.2	0.31	0.557	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	13.	65.933	174.	10.8	8760.013	93.595	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	44.1	117.733	297.	12.1	24358.403	156.072	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	4.7	5.233	6.6	4.4	1.423	1.193	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	11.7	31.333	72.7	9.6	1284.503	35.84	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	54.3	76.267	138.	36.5	2937.463	54.198	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	18.2	18.167	22.4	13.9	18.063	4.25	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	11.3	10.333	11.9	7.8	4.903	2.214	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	9.6	93.3	265.	5.3	22115.29	148.712	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	15.6	14.1	16.7	10.	12.91	3.593	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.248	2.898	8.2	0.247	21.083	4.592	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	3 ##	0.248	0.498	1.	0.247	0.189	0.435	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	3 ##	0.322	0.624	1.24	0.311	0.284	0.533	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	3	1.49	1.129	1.65	0.247	0.59	0.768	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	3	1.94	1.434	2.05	0.311	0.949	0.974	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	3	0.734	0.938	1.77	0.311	0.564	0.751	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	3	0.59	0.732	1.36	0.247	0.325	0.57	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	3	0.94	0.772	1.13	0.247	0.216	0.465	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	3	1.17	0.983	1.47	0.311	0.362	0.602	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	0.896	0.982	1.74	0.311	0.516	0.719	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	0.72	0.769	1.34	0.247	0.3	0.548	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	3.51	4.04	5.6	3.01	1.888	1.374	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	2.7	3.2	4.5	2.4	1.29	1.136	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	3.12	3.543	4.52	2.99	0.72	0.848	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	2.4	2.8	3.6	2.4	0.48	0.693	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	42.	136.6	335.	32.8	29543.08	171.881	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	32.3	108.567	267.	26.4	18834.543	137.239	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	98.3	170.967	357.	57.6	26370.423	162.39	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	128.	216.233	449.	71.7	41427.663	203.538	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/13/97-08/13/97	3 ##	0.311	0.313	0.322	0.307	0.	0.008	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/13/97-08/13/97	3 ##	0.311	0.313	0.322	0.307	0.	0.008	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/13/97-08/13/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/13/97-08/13/97	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.004	0.01	0.	0.	0.006	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.001	0.001	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.002	0.002	0.004	0.001	0.	0.002	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.001	0.001	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.001	0.001	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.002	0.003	0.004	0.002	0.	0.001	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.31	4.372	12.5	0.305	49.552	7.039	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	7.1	7.333	8.4	6.5	0.943	0.971	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	21.	21.633	27.1	16.8	26.823	5.179	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	3.1	9.767	25.1	1.1	177.333	13.317	**	**	**	**

** - Less than 9 observations ## - 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: KATM0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	6.2	4.867	6.6	1.8	7.093	2.663	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	1.8	3.7	8.2	1.1	15.31	3.913	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	14.2	16.067	24.6	9.4	60.373	7.77	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	3.4	4.9	8.3	3.	8.71	2.951	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/13/97-08/13/97	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/13/97-08/13/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/13/97-08/13/97	3 ##	0.3	4.5	12.9	0.3	52.92	7.275	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/13/97-08/13/97	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: KATM0241

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	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									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	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									

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

Station Inventory for Station: KATM0242

NPS Station ID: KATM0242 | LAT/LON: 58.673281/-156.454892 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NAKNEK RIVER NEAR LAKE CAMP | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_USFW_LCW3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NAKNEK (C-2) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE NAKNEK RIVER NEAR LAKE CAMP NEAR A SUSPECTED SOURCE OF HYDROCARBON CONTAMINATION. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 13 AUGUST 1997. RESULTS WILL BE SUMMARIZED IN A FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; FINAL REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE SERVICE (USFW); ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/13/97-08/13/97	3	19.8	21.	24.	19.2	6.84	2.615	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.315	0.328	0.306	0.	0.012	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.328	0.465	0.761	0.306	0.066	0.257	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.328	0.51	0.891	0.311	0.109	0.33	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/13/97-08/13/97	3	1.65	1.643	2.13	1.15	0.24	0.49	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.311	0.315	0.328	0.306	0.	0.012	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3	1.	0.938	1.13	0.685	0.052	0.229	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3	1.49	2.163	3.67	1.33	1.709	1.307	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3	2.66	2.38	3.25	1.23	1.079	1.039	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.315	0.328	0.306	0.	0.012	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.328	0.535	0.966	0.311	0.139	0.373	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3	5.31	5.31	8.58	2.04	10.693	3.27	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3	2.04	5.987	14.	1.92	48.164	6.94	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3	2.36	2.963	4.46	2.07	1.701	1.304	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/13/97-08/13/97	3	1.49	1.475	2.17	0.764	0.494	0.703	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/13/97-08/13/97	3	0.768	1.049	1.63	0.75	0.253	0.503	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.311	0.315	0.328	0.306	0.	0.012	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	3	4.28	9.82	21.6	3.58	104.199	10.208	**	**	**	**
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	3	6.78	8.52	14.3	4.48	26.379	5.136	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/13/97-08/13/97	3 ##	0.33	1.525	3.94	0.305	4.374	2.091	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	3	4.02	11.32	27.7	2.24	202.02	14.213	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.33	5.278	15.2	0.305	73.83	8.592	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	5.7	12.143	30.4	0.33	257.189	16.037	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	17.2	13.03	18.6	3.29	71.641	8.464	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	25.8	19.517	26.3	6.45	128.116	11.319	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	29.1	28.167	43.6	11.8	253.463	15.921	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	36.4	33.3	48.5	15.	287.77	16.964	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	53.4	45.433	62.	20.9	469.903	21.677	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	47.1	65.333	104.	44.9	1122.543	33.504	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	33.9	29.167	42.	11.6	247.843	15.743	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	28.7	31.967	55.	12.2	465.963	21.586	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	0.72	0.727	1.13	0.33	0.16	0.4	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	13.2	14.917	22.2	9.35	43.491	6.595	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	44.2	68.7	125.	36.9	2390.59	48.894	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	10.9	14.977	24.3	9.73	65.536	8.095	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	21.8	20.967	29.1	12.	73.623	8.58	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	26.5	33.6	54.5	19.8	338.83	18.407	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	20.5	19.833	27.7	11.3	67.573	8.22	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	34.	45.433	69.6	32.7	438.443	20.939	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	26.8	23.433	32.2	11.3	117.703	10.849	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	19.9	44.	96.	16.1	2031.61	45.073	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	9.85	16.113	32.3	6.19	199.855	14.137	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	1.65	1.463	1.84	0.9	0.247	0.497	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.33	0.895	2.05	0.305	1.001	1.	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.33	1.932	5.16	0.305	7.817	2.796	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.33	4.745	13.6	0.305	58.808	7.669	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/13/97-08/13/97	3 ##	0.33	1.032	2.46	0.305	1.53	1.237	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/13/97-08/13/97	3 ##	0.33	1.452	3.72	0.305	3.859	1.964	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	51.5	128.133	286.	46.9	18696.703	136.736	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	20.7	20.3	36.3	3.9	262.56	16.204	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	7.86	20.407	47.7	5.66	559.905	23.662	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	7.48	10.57	18.7	5.53	50.523	7.108	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	1.8	2.34	4.89	0.33	5.417	2.327	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	1.62	2.317	5.	0.33	5.816	2.412	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.31	0.315	0.33	0.305	0.	0.013	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.31	0.315	0.33	0.305	0.	0.013	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	0.9	2.537	6.38	0.33	11.16	3.341	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/13/97-08/13/97	3	1.77	3.38	8.04	0.33	16.805	4.099	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	5.15	6.757	11.5	3.62	17.46	4.178	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	3.25	7.813	17.3	2.89	67.53	8.218	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	3.25	9.05	22.2	1.7	130.293	11.415	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	15.7	15.983	29.1	3.15	168.411	12.977	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	0.58	0.58	0.91	0.249	0.109	0.331	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	0.712	1.64	0.247	0.646	0.804	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	1.545	4.14	0.247	5.05	2.247	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	3.799	10.9	0.247	37.823	6.15	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	0.479	0.94	0.247	0.16	0.4	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	1.159	2.98	0.247	2.488	1.577	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	1.219	3.16	0.247	2.827	1.681	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	0.822	1.97	0.247	0.989	0.994	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	0.248	0.249	0.247	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	1.31	1.856	4.01	0.249	3.76	1.939	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	1.45	1.873	3.92	0.249	3.503	1.872	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	0.395	0.69	0.247	0.065	0.255	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	0.68	0.75	1.32	0.249	0.29	0.539	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	1.43	2.71	6.45	0.249	10.841	3.293	**	**	**	**

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

Parameter Inventory for Station: KATM0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	5.12	4.223	7.3	0.249	13.033	3.61	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	7.9	7.703	14.	1.21	40.925	6.397	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/13/97-08/13/97	3	0.78	1.133	2.37	0.249	1.218	1.104	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/13/97-08/13/97	3	0.966	1.418	2.96	0.328	1.885	1.373	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	4.6	9.75	24.4	0.249	165.707	12.873	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	20.1	26.667	44.	15.9	229.743	15.157	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	7.9	12.9	26.1	4.7	133.24	11.543	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	6.3	16.367	38.5	4.3	368.413	19.194	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	26.2	36.067	56.2	25.8	304.053	17.437	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	27.2	23.3	33.9	8.8	168.91	12.997	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	8.3	11.9	19.6	7.8	44.53	6.673	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	39.1	102.567	231.	37.6	12371.903	111.229	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	42.8	36.267	50.1	15.9	324.423	18.012	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	10.6	11.867	17.9	7.1	30.363	5.51	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	33.6	54.733	101.	29.6	1609.453	40.118	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	15.1	35.167	77.5	12.9	1345.293	36.678	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	21.5	18.7	26.	8.6	81.57	9.032	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	6.	8.433	15.1	4.2	34.143	5.843	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	17.5	16.7	23.5	9.1	52.32	7.233	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	4.232	12.2	0.247	47.619	6.901	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	2.952	8.36	0.247	21.936	4.684	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	3 ##	0.328	3.678	10.4	0.306	33.891	5.822	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	3	3.54	7.127	15.	2.84	46.615	6.827	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	3	4.38	8.94	18.7	3.74	71.546	8.458	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	3	4.07	10.687	24.9	3.09	151.754	12.319	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	3	3.29	8.547	20.	2.35	98.605	9.93	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	3	3.21	8.237	19.4	2.1	93.773	9.684	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	3	3.97	10.277	24.1	2.76	143.679	11.987	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	1.96	3.657	7.63	1.38	11.925	3.453	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	1.58	2.65	6.12	0.249	9.475	3.078	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	52.3	81.167	162.	29.2	5033.923	70.95	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	41.9	64.7	130.	22.2	3295.09	57.403	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	29.9	49.667	102.	17.1	2095.043	45.772	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	24.	39.7	82.1	13.	1378.57	37.129	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	23.3	61.1	141.	19.	4792.63	69.229	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	17.7	48.967	114.	15.2	3173.563	56.334	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	54.2	167.167	403.	44.3	41737.523	204.298	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	71.4	208.533	499.	55.2	63343.773	251.682	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/13/97-08/13/97	3 ##	0.328	0.498	0.86	0.306	0.099	0.314	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/13/97-08/13/97	3 ##	0.328	0.601	1.17	0.306	0.243	0.493	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/13/97-08/13/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/13/97-08/13/97	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.008	0.008	0.015	0.002	0.	0.007	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.004	0.004	0.007	0.002	0.	0.003	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.001	0.	0.001	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.001	0.002	0.003	0.001	0.	0.001	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.002	0.005	0.011	0.001	0.	0.006	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.02	0.018	0.021	0.013	0.	0.004	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	10.3	10.5	18.8	2.4	67.27	8.202	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	23.	25.567	44.4	9.3	312.943	17.69	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	37.8	52.033	84.2	34.1	779.443	27.919	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	29.2	26.6	39.2	11.4	198.28	14.081	**	**	**	**

** - 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

Parameter Inventory for Station: KATM0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	13.9	10.433	14.9	2.5	47.453	6.889	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	20.8	15.6	21.1	4.9	85.89	9.268	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	16.4	15.8	22.4	8.6	47.88	6.92	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	23.3	22.5	35.2	9.	172.09	13.118	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/13/97-08/13/97	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/13/97-08/13/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/13/97-08/13/97	3	10.4	9.8	17.5	1.5	64.27	8.017	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/13/97-08/13/97	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0242

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	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									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	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									

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

Station Inventory for Station: KATM0243

NPS Station ID: KATM0243 | LAT/LON: 58.674060/-156.455893 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: NAKNEK RIVER NEAR LAKE CAMP | FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): KATM_USFW_LCW1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 19030204 | Depth of Water: 0 | Aquifer:
Major Basin: ALASKA | Elevation: 0 | Water Body Id:
Minor Basin: BRISTOL BAY | ECO Region:
RF1 Index: 19030204 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NAKNEK (C-2) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS INSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE NAKNEK RIVER NEAR LAKE CAMP UPSTREAM OF A SUSPECTED SOURCE OF HYDROCARBON CONTAMINATION. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 13 AUGUST 1997. RESULTS WILL BE SUMMARIZED IN A FINAL REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; FINAL REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE SERVICE (USFW); ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	08/13/97-08/13/97	3	12.5	14.747	27.7	4.04	143.735	11.989	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.282	0.296	0.346	0.26	0.002	0.045	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.282	0.296	0.346	0.26	0.002	0.045	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.282	0.296	0.346	0.26	0.002	0.045	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	08/13/97-08/13/97	3	1.07	0.839	1.1	0.346	0.182	0.427	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.282	0.296	0.346	0.26	0.002	0.045	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.282	0.296	0.346	0.26	0.002	0.045	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3	2.06	1.777	2.47	0.802	0.755	0.869	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3	0.88	0.769	1.08	0.346	0.144	0.379	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.282	0.296	0.346	0.26	0.002	0.045	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.282	0.296	0.346	0.26	0.002	0.045	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3	1.11	1.293	1.7	1.07	0.124	0.353	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3	3.73	3.097	4.31	1.25	2.642	1.625	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3	1.73	1.282	1.77	0.346	0.657	0.811	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	08/13/97-08/13/97	3	1.04	0.842	1.14	0.346	0.187	0.432	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	08/13/97-08/13/97	3	0.686	0.591	0.74	0.346	0.046	0.214	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	08/13/97-08/13/97	3 ##	0.282	0.296	0.346	0.26	0.002	0.045	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/13/97-08/13/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	3	4.	3.202	5.26	0.345	6.517	2.553	**	**	**	**
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	3	1.47	2.152	4.64	0.345	4.96	2.227	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	08/13/97-08/13/97	3 ##	0.28	0.295	0.345	0.26	0.002	0.044	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	08/13/97-08/13/97	3	3.26	3.42	4.66	2.34	1.365	1.168	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	0.83	0.812	1.26	0.345	0.21	0.458	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	8.13	6.82	11.5	0.83	29.749	5.454	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	8.99	10.647	14.3	8.65	10.039	3.168	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	8.44	7.89	9.83	5.4	5.133	2.266	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	9.37	8.493	10.3	5.81	5.616	2.37	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	32.6	29.233	33.	22.1	38.203	6.181	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	19.7	17.4	22.1	10.4	38.19	6.18	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	21.8	21.967	28.9	15.2	46.943	6.852	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	19.2	16.78	22.7	8.44	55.229	7.432	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	22.3	19.767	26.1	10.9	62.573	7.91	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	4.99	4.5	7.33	1.18	9.636	3.104	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	20.9	20.967	22.	20.	1.003	1.002	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	39.	56.	91.7	37.3	956.59	30.929	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	17.1	17.6	19.	16.7	1.51	1.229	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	24.	22.833	26.9	17.6	22.643	4.759	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	36.6	36.3	37.1	35.2	0.97	0.985	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	23.4	22.2	25.6	17.6	17.08	4.133	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	39.1	46.167	61.8	37.6	183.863	13.56	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	25.4	22.867	29.5	13.7	67.223	8.199	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	26.7	25.833	29.9	20.9	20.813	4.562	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	12.3	15.	20.6	12.1	23.53	4.851	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	1.02	0.848	1.18	0.345	0.196	0.443	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.345	0.595	1.16	0.28	0.24	0.49	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	2.51	2.012	3.18	0.345	2.196	1.482	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	3.66	3.028	5.08	0.345	5.904	2.43	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/13/97-08/13/97	3 ##	0.345	0.498	0.87	0.28	0.105	0.324	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	08/13/97-08/13/97	3 ##	0.28	0.295	0.345	0.26	0.002	0.044	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	43.	79.933	155.	41.8	4226.613	65.012	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	3.06	2.64	3.5	1.36	1.277	1.13	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	3.2	2.362	3.54	0.345	3.079	1.755	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	2.92	12.92	33.1	2.74	305.432	17.477	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	3.42	2.88	4.02	1.2	2.207	1.486	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	3.99	3.27	4.59	1.23	3.211	1.792	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.345	0.422	0.66	0.26	0.044	0.211	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3 ##	0.28	0.295	0.345	0.26	0.002	0.044	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	08/13/97-08/13/97	3	1.54	1.195	1.7	0.345	0.548	0.74	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	08/13/97-08/13/97	3	1.09	0.852	1.12	0.345	0.193	0.439	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	1.41	1.907	4.06	0.25	3.814	1.953	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	3.84	2.897	4.6	0.25	5.398	2.323	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	2.85	3.003	4.47	1.69	1.95	1.396	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	2.68	2.34	3.36	0.98	1.503	1.226	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	0.85	1.906	4.37	0.498	4.584	2.141	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.25	0.536	1.11	0.247	0.247	0.497	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	2.41	1.813	2.78	0.25	1.867	1.366	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.25	1.789	4.87	0.247	7.119	2.668	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	0.249	0.25	0.247	0.	0.002	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	0.249	0.25	0.247	0.	0.002	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	0.249	0.25	0.247	0.	0.002	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.25	0.442	0.83	0.247	0.113	0.336	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.249	0.249	0.25	0.247	0.	0.002	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.25	0.36	0.58	0.249	0.036	0.191	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	3.49	2.927	4.4	0.89	3.318	1.822	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	2.99	2.573	3.86	0.87	2.365	1.538	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3 ##	0.25	0.442	0.83	0.247	0.113	0.336	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	0.89	0.757	1.13	0.25	0.207	0.455	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	0.95	0.757	1.07	0.25	0.196	0.443	**	**	**	**

** - Less than 9 observations ## - 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: KATM0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	1.35	1.077	1.63	0.25	0.532	0.729	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	1.41	1.147	1.78	0.25	0.637	0.798	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	08/13/97-08/13/97	3	0.57	0.62	1.04	0.25	0.158	0.397	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	08/13/97-08/13/97	3	0.651	0.692	1.08	0.346	0.136	0.369	**	**	**	**
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	7.8	6.167	10.1	0.6	24.563	4.956	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	30.8	30.9	35.1	26.8	17.23	4.151	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	11.8	12.433	14.9	10.6	4.923	2.219	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	2.8	2.15	3.4	0.25	2.797	1.673	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	37.5	38.367	44.7	32.9	35.373	5.948	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	16.8	14.9	21.8	6.1	64.33	8.021	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	14.6	14.9	16.4	13.7	1.89	1.375	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	37.6	29.633	40.1	11.2	256.403	16.013	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	17.2	15.3	21.2	7.5	49.63	7.045	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	17.5	17.833	20.1	15.9	4.493	2.12	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	37.4	45.433	66.3	32.6	332.323	18.23	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	23.4	22.4	28.7	15.1	46.99	6.855	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	22.2	20.133	28.3	9.9	87.843	9.372	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	2.8	9.7	23.9	2.4	151.27	12.299	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	21.	19.833	25.8	12.7	43.923	6.627	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	0.8	0.717	1.1	0.25	0.186	0.431	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	3	3.44	2.973	4.47	1.01	3.156	1.777	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	3	3.93	3.33	4.66	1.4	2.927	1.711	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	3	3.18	3.617	5.94	1.73	4.574	2.139	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	3	3.63	4.07	6.19	2.39	3.755	1.938	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	3	4.47	4.543	6.1	3.06	2.314	1.521	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	3	3.91	3.99	5.85	2.21	3.317	1.821	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	08/13/97-08/13/97	3	4.93	4.137	6.	1.48	5.58	2.362	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	08/13/97-08/13/97	3	5.63	4.643	6.25	2.05	5.14	2.267	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	3.69	2.682	4.01	0.346	4.118	2.029	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	3.51	2.433	3.54	0.25	3.575	1.891	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	32.3	27.1	38.1	10.9	205.24	14.326	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	28.3	24.267	36.6	7.9	218.123	14.769	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	10.3	8.303	10.6	4.01	13.847	3.721	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	9.	7.367	10.2	2.9	15.323	3.915	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	14.7	55.733	141.	11.5	5455.363	73.86	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	14.1	42.067	102.	10.1	2698.003	51.942	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	08/13/97-08/13/97	3	32.1	79.667	178.	28.9	7254.643	85.174	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	36.7	104.267	246.	30.1	15077.143	122.789	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	08/13/97-08/13/97	3 ##	0.346	0.498	0.865	0.282	0.102	0.32	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	08/13/97-08/13/97	3 ##	0.282	0.296	0.346	0.26	0.002	0.045	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	08/13/97-08/13/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	08/13/97-08/13/97	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.003	0.003	0.004	0.001	0.	0.002	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	08/13/97-08/13/97	3	0.009	0.007	0.01	0.003	0.	0.004	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	08/13/97-08/13/97	3	1.45	1.287	1.65	0.76	0.218	0.467	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	19.5	92.467	250.	7.9	18646.203	136.551	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	19.1	19.267	27.7	11.	69.743	8.351	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	28.9	25.4	31.3	16.	67.71	8.229	**	**	**	**

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

Parameter Inventory for Station: KATM0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	8.3	9.1	12.5	6.5	9.48	3.079	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	8.1	6.867	8.6	3.9	6.663	2.581	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	20.5	19.267	24.6	12.7	36.543	6.045	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	08/13/97-08/13/97	3	8.2	7.433	9.9	4.2	8.563	2.926	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/13/97-08/13/97	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	08/13/97-08/13/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	08/13/97-08/13/97	3	1.6	1.283	1.9	0.35	0.676	0.822	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	08/13/97-08/13/97	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: KATM0243

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	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									
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	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									

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

Station Inventory for Station: KATM0244

NPS Station ID: KATM0244 LAT/LON: 59.089781/-156.464143 Agency: 11NPSWRD Date Created: 03/13/99
Location: ALAGNAK WILD RIVER WEST OF NONVIANUK CAMP FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ALAG_USFW_AWR3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 19030206 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030206 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE DILLINGHAM (A-2) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS OUTSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE ALAGNAK WILD RIVER NEAR THE SUSPECTED SOURCE OF HYDROCARBON CONTAMINATION. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 16 SEPTEMBER 1996. RESULTS WERE SUMMARIZED IN A REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; 1997 INTERIM REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE; ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/17/96-09/17/96	4	24.56	25.013	27.47	23.46	3.53	1.879	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.329	0.425	0.717	0.324	0.038	0.195	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.337	0.419	0.679	0.325	0.03	0.173	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**

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Parameter Inventory for Station: KATM0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4 ##	0.325	0.325	0.325	0.325	0.	0.	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4 ##	0.338	0.675	1.7	0.325	0.467	0.683	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	3.75	3.56	4.32	2.42	0.71	0.842	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	1.325	1.37	1.65	1.18	0.04	0.199	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	1.95	2.033	2.49	1.74	0.112	0.335	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	17.24	18.498	25.5	14.01	28.212	5.311	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	4.185	4.31	5.51	3.36	0.791	0.89	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	20.73	20.993	22.91	19.6	2.283	1.511	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	6.795	6.77	7.32	6.17	0.315	0.561	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	16.39	16.435	16.85	16.11	0.109	0.33	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	2.61	2.234	3.38	0.335	1.83	1.353	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	40.535	42.175	50.54	37.09	34.705	5.891	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	233.94	251.133	322.12	214.53	2369.415	48.677	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	34.455	29.973	47.27	3.71	345.851	18.597	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	34.77	35.353	38.5	33.37	5.265	2.295	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	92.335	95.09	105.41	90.28	49.723	7.051	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	39.85	41.54	47.92	38.54	18.524	4.304	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	139.525	145.125	170.88	130.57	317.153	17.809	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	14.765	14.74	15.19	14.24	0.261	0.51	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	42.385	42.635	46.48	39.29	9.32	3.053	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	16.585	18.008	23.44	15.42	13.917	3.731	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	1.	0.924	1.36	0.335	0.183	0.428	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	171.39	183.168	237.4	152.49	1398.101	37.391	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4 ##	0.333	0.415	0.67	0.325	0.029	0.17	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4 ##	0.333	2.495	8.99	0.325	18.749	4.33	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4	8.16	8.248	9.56	7.11	1.664	1.29	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	4 ##	0.338	0.413	0.65	0.325	0.025	0.158	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.31	0.5	0.246	0.016	0.126	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	1.935	1.677	2.59	0.248	1.04	1.02	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.333	0.59	0.246	0.029	0.171	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	0.745	0.695	1.04	0.248	0.108	0.329	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.323	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 time series plot

Parameter Inventory for Station: KATM0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.511	1.3	0.246	0.277	0.526	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	69.5	71.35	80.5	65.9	40.197	6.34	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	12.4	13.525	17.9	11.4	8.969	2.995	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	1.86	6.7	0.246	10.41	3.226	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	105.35	108.975	130.5	94.7	231.329	15.21	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	5.05	5.075	5.6	4.6	0.183	0.427	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	26.5	28.15	36.1	23.5	30.417	5.515	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	129.4	137.675	181.3	110.6	925.689	30.425	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	3.2	3.225	4.	2.5	0.376	0.613	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	30.6	31.675	38.6	26.9	24.523	4.952	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	176.6	188.7	246.	155.6	1567.38	39.59	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	32.	32.	35.5	28.5	8.227	2.868	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	10.95	11.05	11.6	10.7	0.15	0.387	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	6.15	6.2	7.3	5.2	1.22	1.105	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	26.25	26.525	29.4	24.2	4.649	2.156	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.323	0.	0.008	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.323	0.	0.008	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.323	0.	0.008	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.323	0.	0.008	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.323	0.	0.008	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.248	0.247	0.248	0.246	0.	0.001	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	4	4.447	4.235	4.826	3.221	0.501	0.708	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	3.4	3.175	3.5	2.4	0.276	0.525	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	4	5.434	5.576	6.342	5.095	0.289	0.538	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	4.1	4.175	4.6	3.9	0.096	0.31	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	4	65.028	64.532	70.192	57.878	39.11	6.254	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	48.3	48.4	53.1	43.9	24.787	4.979	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	4	129.05	132.625	163.3	109.1	516.529	22.727	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	4	170.834	176.479	213.828	150.421	717.802	26.792	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	4 ##	0.337	0.442	0.771	0.325	0.048	0.219	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	4 ##	0.329	0.33	0.34	0.324	0.	0.008	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	4 ##	0.33	0.331	0.34	0.325	0.	0.008	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	4	12.2	12.325	12.9	12.	0.183	0.427	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	4	15.5	15.75	17.5	14.5	1.75	1.323	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	4	12.8	13.825	19.	10.7	14.383	3.792	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	4	2.8	2.675	3.3	1.8	0.456	0.675	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	4	1.	1.025	1.2	0.9	0.016	0.126	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	4	29.7	31.175	36.6	28.7	13.329	3.651	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	4	1.45	1.525	1.9	1.3	0.069	0.263	**	**	**	**

** - Less than 9 observations ## - 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: KATM0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/17/96-09/17/96	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/17/96-09/17/96	4 ##	0.325	0.325	0.35	0.3	0.001	0.029	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0244

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00	2	0	0.00									
		Drinking Water	700.	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: KATM0245

NPS Station ID: KATM0245 LAT/LON: 59.097837/-156.466670 Agency: 11NPSWRD Date Created: 03/13/99
Location: ALAGNAK WILD RIVER WEST OF NONVIANUK CAMP FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ALAG_USFW_AWR1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 19030206 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030206 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE DILLINGHAM (A-2) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS OUTSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE ALAGNAK WILD RIVER UPSTREAM OF HYDROCARBON AND FUELING AREAS. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 16 SEPTEMBER 1996. RESULTS WERE SUMMARIZED IN A REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; 1997 INTERIM REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE; ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/17/96-09/17/96	3	24.27	24.703	26.04	23.8	1.395	1.181	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.335	0.497	0.832	0.324	0.084	0.29	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	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 time series plot

Parameter Inventory for Station: KATM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.325	0.325	0.325	0.	0.	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	2.51	2.47	3.28	1.62	0.69	0.831	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.443	0.68	0.325	0.042	0.205	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	1.44	1.467	1.88	1.08	0.161	0.401	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	9.77	9.35	10.01	8.27	0.889	0.943	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	2.1	1.853	2.51	0.95	0.654	0.809	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	30.9	31.003	34.12	27.99	9.402	3.066	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	5.14	5.227	5.55	4.99	0.084	0.29	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	11.68	12.08	13.2	11.36	0.966	0.983	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	1.81	2.02	2.62	1.63	0.278	0.527	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	59.45	59.417	63.91	54.89	20.341	4.51	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	325.72	340.997	372.77	324.5	757.531	27.523	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	45.7	47.847	53.22	44.62	21.946	4.685	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	48.69	50.27	54.8	47.32	15.86	3.982	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	135.13	139.92	151.72	132.91	105.662	10.279	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	57.74	58.46	61.53	56.11	7.733	2.781	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	204.07	208.94	222.24	200.51	135.836	11.655	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	17.59	18.013	19.41	17.04	1.539	1.24	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	56.04	57.26	62.06	53.68	18.672	4.321	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	20.74	20.793	22.58	19.06	3.1	1.761	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	1.03	1.05	1.18	0.94	0.015	0.121	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	199.57	209.3	232.27	196.06	398.796	19.97	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	1.11	1.063	1.12	0.96	0.008	0.09	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.335	0.483	0.79	0.325	0.071	0.266	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	10.28	9.837	11.36	7.87	3.192	1.787	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.82	0.8	0.85	0.73	0.004	0.062	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.37	1.517	1.94	1.24	0.139	0.372	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.76	0.79	0.89	0.72	0.008	0.089	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.405	0.72	0.247	0.075	0.273	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.334	0.324	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 time series plot

Parameter Inventory for Station: KATM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	103.2	105.467	114.9	98.3	72.743	8.529	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	15.8	15.667	17.1	14.1	2.263	1.504	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.365	0.6	0.247	0.042	0.204	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	155.5	157.367	168.3	148.3	102.613	10.13	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	3.8	3.933	4.2	3.8	0.053	0.231	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	34.	36.033	40.3	33.8	13.663	3.696	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	149.4	157.633	175.9	147.6	251.063	15.845	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.6	1.4	1.9	0.7	0.39	0.624	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	45.3	44.767	48.4	40.6	15.423	3.927	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	248.2	256.833	282.3	240.	503.223	22.433	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	42.7	43.133	47.	39.7	13.463	3.669	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	13.4	13.567	14.7	12.6	1.123	1.06	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	7.6	7.4	8.6	6.	1.72	1.311	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	37.1	37.867	41.5	35.	11.003	3.317	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.334	0.324	0.	0.005	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.334	0.324	0.	0.005	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.334	0.324	0.	0.005	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.334	0.324	0.	0.005	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.334	0.324	0.	0.005	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.247	0.247	0.248	0.247	0.	0.001	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	0.792	0.753	0.811	0.656	0.007	0.085	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.6	0.567	0.6	0.5	0.003	0.058	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	3.018	2.92	3.037	2.704	0.035	0.187	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	2.3	2.2	2.3	2.	0.03	0.173	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	61.79	65.014	71.966	61.286	36.312	6.026	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	46.7	48.967	54.5	45.7	23.213	4.818	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	131.1	135.233	149.7	124.9	166.573	12.906	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	172.048	179.533	197.676	168.876	249.383	15.792	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.327	0.328	0.335	0.324	0.	0.006	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.328	0.335	0.325	0.	0.006	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	8.9	9.1	10.	8.4	0.67	0.819	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	23.4	23.367	26.	20.7	7.023	2.65	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	7.4	7.033	7.4	6.3	0.403	0.635	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.9	1.867	2.5	1.2	0.423	0.651	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.248	0.332	0.5	0.247	0.021	0.146	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	44.	44.033	46.6	41.5	6.503	2.55	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.9	0.933	1.1	0.8	0.023	0.153	**	**	**	**

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

Parameter Inventory for Station: KATM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/17/96-09/17/96	3 ##	0.35	0.55	1.	0.3	0.153	0.391	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: KATM0245

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
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									

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

Station Inventory for Station: KATM0246

NPS Station ID: KATM0246 LAT/LON: 59.089338/-156.467559 Agency: 11NPSWRD Date Created: 03/13/99
Location: ALAGNAK WILD RIVER WEST OF NONVIANUK CAMP FIPS State/County: 02164 ALASKA/LAKE AND PENINSULA (
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ALAG_USFW_AWR2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 19030206 Depth of Water: 0 Aquifer:
Major Basin: ALASKA Elevation: 0 Water Body Id:
Minor Basin: BRISTOL BAY ECO Region:
RF1 Index: 19030206 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE DILLINGHAM (A-2) AK 1:63360 SCALE SERIES TOPOGRAPHIC QUADRANGLE AND IS OUTSIDE THE KATMAI NATIONAL PARK AND PRESERVE BOUNDARIES (KATM). THE SITE IS LOCATED AT THE ALAGNAK WILD RIVER DOWNSTREAM OF HYDROCARBON AND FUELING AREAS. A WATER SAMPLE AND 3 REPLICATE SEDIMENT SAMPLES WERE TAKEN AT THIS STATION ON 16 SEPTEMBER 1996. RESULTS WERE SUMMARIZED IN A REPORT TO THE NATIONAL PARK SERVICE TITLED "BASELINE HYDROCARBON STUDY; KATMAI NATIONAL PARK AND PRESERVE; 1997 INTERIM REPORT" BY PHILIP JOHNSON AND CATHERINE BERG; U.S. FISH AND WILDLIFE SERVICE; ALASKA REGIONAL OFFICE; ANCHORAGE AK (INTERAGENCY AGREEMENT 9910-6-9025; SEPTEMBER 1996). FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT KATM; P.O. BOX 7; KING SALMON AK 99613; TEL(970) 246-3305. DATA WERE PROCESSED AND UPLOADED TO STORET BY SHAWNDRA MAWHORTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; TEL(970)225-3516.

Parameter Inventory for Station: KATM0246

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/17/96-09/17/96	3	29.31	29.5	30.02	29.17	0.208	0.456	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3	0.702	0.587	0.703	0.357	0.04	0.2	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.352	2.759	7.574	0.351	17.389	4.17	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
45089	C3 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**

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

Parameter Inventory for Station: KATM0246

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
45092	C4 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
45095	C2 ALKYL DIBENZOTHIOPHENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
45137	C2 ALKYL NAPTHALENE SEDDRY UG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
49703	DECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.325	0.325	0.325	0.325	0.	0.	**	**	**	**
49705	UNDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
49708	DODECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	3.39	3.5	4.	3.11	0.207	0.455	**	**	**	**
49710	TRIDECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	0.71	0.685	0.99	0.355	0.101	0.318	**	**	**	**
49712	TETRADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	1.84	1.843	1.98	1.71	0.018	0.135	**	**	**	**
49714	PENTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	11.43	12.05	13.69	11.03	2.057	1.434	**	**	**	**
49716	HEXADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	1.27	1.887	3.39	1.	1.713	1.309	**	**	**	**
49718	HEPTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	31.34	29.047	35.37	20.43	59.745	7.73	**	**	**	**
49720	OCTADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	4.8	4.537	5.09	3.72	0.521	0.722	**	**	**	**
49722	NONADECANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	9.32	9.07	11.46	6.43	6.372	2.524	**	**	**	**
49724	PERYLENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	2.75	2.59	2.91	2.11	0.179	0.423	**	**	**	**
49725	HEXACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	37.55	39.143	56.02	23.86	260.47	16.139	**	**	**	**
49727	HEPTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	210.08	210.743	292.97	129.18	6707.121	81.897	**	**	**	**
49729	OCTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	31.48	31.5	41.59	21.43	101.607	10.08	**	**	**	**
49731	DOCOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	31.77	30.603	40.03	20.01	101.221	10.061	**	**	**	**
49733	TRICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	86.97	85.147	113.17	55.3	839.728	28.978	**	**	**	**
49735	TETRACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	39.53	37.92	49.65	24.58	159.07	12.612	**	**	**	**
49737	PENTACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	133.42	128.957	173.86	79.59	2236.649	47.293	**	**	**	**
49739	EICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	12.42	11.853	14.85	8.29	10.999	3.317	**	**	**	**
49741	HENEICOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	36.43	34.707	46.4	21.29	159.855	12.643	**	**	**	**
49742	TRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	14.68	14.737	19.24	10.29	20.028	4.475	**	**	**	**
49743	BENZO(E)PYRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	0.98	0.785	1.02	0.355	0.139	0.373	**	**	**	**
49759	C1 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
49760	C2 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
49761	C3 ALKYL FLUORENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
49767	C1 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
49769	C3 ALKYL DIBENZOTHIOPHENE,DRY WEIGHT,SEDIMENTUG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
49773	NONACOSANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	135.4	131.273	176.97	81.45	2293.79	47.894	**	**	**	**
49782	NAPHTHALENE, C1 ALKYL,DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	0.89	0.993	1.23	0.86	0.042	0.206	**	**	**	**
49793	TETRATRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.355	0.518	0.85	0.35	0.083	0.287	**	**	**	**
49797	DOTTRIACONTANE-N, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3	6.92	6.613	8.49	4.43	4.191	2.047	**	**	**	**
49805	C1 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
49806	C2 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
49807	C3 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
49808	C4 ALKYL CHYRSENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
50942	1-METHYLPHENANTHRENE, DRY WEIGHT, SEDIMENT UG/KG	09/17/96-09/17/96	3 ##	0.35	0.352	0.355	0.35	0.	0.003	**	**	**	**
50943	2,6-DIMETHYLNAPHTHALENE, DRY WEIGHT, SEDIMENTUG/KG	09/17/96-09/17/96	3 ##	0.355	0.532	0.89	0.35	0.096	0.31	**	**	**	**
61058	C4-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61059	C3-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61060	C2-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61061	C1-NAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.62	0.7	0.87	0.61	0.022	0.147	**	**	**	**
61062	PERYLENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.95	1.83	2.06	1.48	0.095	0.308	**	**	**	**
61063	C1-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61064	C2-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61065	C3-FLUORENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61066	DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61067	C3-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61068	C2-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61069	C1-DIBENZOTHIOPHENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61070	C4-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61071	C3-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61072	C2-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61073	C1-CHRYSENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61074	BIPHENYHL SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61075	BENZO:E:PYRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.69	0.553	0.72	0.25	0.069	0.263	**	**	**	**
61076	2,6-DIMETHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.25	0.376	0.63	0.249	0.048	0.22	**	**	**	**
61077	1-METHYLPHENANTHRENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61078	1-METHYLNAPHTHALENE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61079	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT WET WT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61080	1,6,7-TRIMETHYLNAPHTHALENE SEDIMENT DRY WT UG/KG	09/17/96-09/17/96	3 ##	0.351	0.353	0.357	0.351	0.	0.003	**	**	**	**

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

Parameter Inventory for Station: KATM0246

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61081	N-UNDECANE (HENDECANE) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61082	N-TRICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	61.6	60.1	80.	38.7	428.11	20.691	**	**	**	**
61083	N-TRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	10.4	10.4	13.6	7.2	10.24	3.2	**	**	**	**
61084	N-TETRATRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.25	0.366	0.6	0.248	0.041	0.203	**	**	**	**
61085	N-PENTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	94.5	91.033	122.9	55.7	1137.973	33.734	**	**	**	**
61086	N-OCTADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	3.4	3.2	3.6	2.6	0.28	0.529	**	**	**	**
61087	N-OCTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	22.3	22.233	29.4	15.	51.843	7.2	**	**	**	**
61088	N-NONACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	95.9	92.667	125.1	57.	1167.243	34.165	**	**	**	**
61089	N-HEXADECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.9	1.333	2.4	0.7	0.863	0.929	**	**	**	**
61090	N-HEXACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	26.6	27.633	39.6	16.7	131.903	11.485	**	**	**	**
61091	N-HEPTACOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	148.8	148.767	207.1	90.4	3404.723	58.35	**	**	**	**
61092	N-HENEICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	25.8	24.5	32.8	14.9	81.37	9.021	**	**	**	**
61093	N-EICOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	8.8	8.367	10.5	5.8	5.663	2.38	**	**	**	**
61094	N-DOTRIACONTANE(DICETYL) SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	4.9	4.667	6.	3.1	2.143	1.464	**	**	**	**
61095	N-DOCOSANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	22.5	21.6	28.3	14.	51.73	7.192	**	**	**	**
61096	N-DECANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61097	C4-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61098	C4-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.351	0.353	0.357	0.351	0.	0.003	**	**	**	**
61099	C3-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61100	C3-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.351	0.353	0.357	0.351	0.	0.003	**	**	**	**
61101	C2-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.351	0.353	0.357	0.351	0.	0.003	**	**	**	**
61102	C2-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61103	C1-PHENANTHRENE+ANTHRACENE SEDIMENT WET WGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61104	C1-PHENANTHRENE+ANTHRACENE SEDIMENT DRY WGHT UG/KG	09/17/96-09/17/96	3 ##	0.351	0.353	0.357	0.351	0.	0.003	**	**	**	**
61105	C1-FLUORANTHENES+PYRENES SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.351	0.353	0.357	0.351	0.	0.003	**	**	**	**
61106	C1-FLUORANTHENES+PYRENES SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.249	0.249	0.25	0.248	0.	0.001	**	**	**	**
61107	PRISTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	1.694	1.512	1.698	1.143	0.102	0.319	**	**	**	**
61108	PRISTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.2	1.067	1.2	0.8	0.053	0.231	**	**	**	**
61109	PHYTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	3.961	3.831	4.001	3.53	0.068	0.261	**	**	**	**
61110	PHYTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	2.8	2.7	2.8	2.5	0.03	0.173	**	**	**	**
61111	N-TRITRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	44.896	42.591	56.727	26.15	237.711	15.418	**	**	**	**
61112	N-TRITRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	31.8	30.067	40.1	18.3	121.063	11.003	**	**	**	**
61113	N-HENTRIACONTANE SEDIMENT WET WEIGHT UG/KG	09/17/96-09/17/96	3	92.9	84.3	108.4	51.6	862.03	29.36	**	**	**	**
61114	N-HENTRIACONTANE SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3	131.16	119.414	153.346	73.735	1687.942	41.085	**	**	**	**
75558	BIPHENYL SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
75714	DIBENZO(BD)THIOPHENE(DIPHEN*SEDIMENT,DRY WGT,UG/KG	09/17/96-09/17/96	3 ##	0.352	0.353	0.357	0.351	0.	0.003	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78305	2-METHYLNAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78309	ACENAPHTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78323	FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78331	NAPHTHALENE SEDWETWTMG/KG	09/17/96-09/17/96	3	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
78342	BENZO(A)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78343	BENZO(A)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78344	BENZO(B)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78345	BENZO(K)FLUORANTHENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78346	CHRYSENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78347	ACENAPHTHYLENE SEDWETWTMG/K	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78348	ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78349	BENZO(GHI)PERYLENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78350	FLUORENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78351	PHENANTHRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
78352	DIBENZO(A,H)ANTHRACENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78353	INDENO(1,2,3-CD)PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78354	PYRENE SEDWETWTMG/KG	09/17/96-09/17/96	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78868	2-METHYLNAPHTHALENE IN SEDIMENT DRY WEIGHT UG/KG	09/17/96-09/17/96	3 ##	0.355	0.535	0.9	0.35	0.1	0.316	**	**	**	**
78892	NONADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	6.6	6.4	8.1	4.5	3.27	1.808	**	**	**	**
78893	HEPTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	22.2	20.5	25.	14.3	30.79	5.549	**	**	**	**
78894	PENTADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	8.	8.5	9.7	7.8	1.09	1.044	**	**	**	**
78895	DODECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	2.4	2.467	2.8	2.2	0.093	0.306	**	**	**	**
78896	TRIDECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	0.5	0.483	0.7	0.25	0.051	0.226	**	**	**	**
78897	TETRACOSANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	28.	26.767	35.1	17.2	81.243	9.014	**	**	**	**
78899	TETRADECANE, IN SEDIMENT, WET WEIGHT UG/KG	09/17/96-09/17/96	3	1.3	1.3	1.4	1.2	0.01	0.1	**	**	**	**

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

Parameter Inventory for Station: KATM0246

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81711	O-XYLENE IN THE WHOLE WATER SAMPLE MG/L	09/17/96-09/17/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
85786	METHYL NAPTHALENE, 1- , SEDIMENT, DRY WT, UG/KG	09/17/96-09/17/96	3 ##	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	09/17/96-09/17/96	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: KATM0246

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
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									

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

Station Inventory for Station: KATM0247

NPS Station ID: KATM0247
LAT/LON: 58.676948/-156.666671
Agency: 112WRD
Date Created: 11/18/75
Location: NAKNEK R AT KING SALMON AK
FIPS State/County: 02060 ALASKA/BRISTOL BAY (B)
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 584037156400000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: KATM0247

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/07/64-07/07/64	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/07/64-01/15/71	2	184.	184.	200.	168.	512.	22.627	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/64-01/15/71	2	7.25	7.25	7.6	6.9	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/64-01/15/71	2	7.122	7.122	7.6	6.9	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/64-01/15/71	2	0.076	0.076	0.126	0.025	0.005	0.071	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/07/64-01/15/71	2	4.65	4.65	7.4	1.9	15.125	3.889	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/64-01/15/71	2	34.5	34.5	39.	30.	40.5	6.364	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/07/64-01/15/71	2	42.	42.	47.	37.	50.	7.071	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/07/64-01/15/71	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/07/64-01/15/71	2	0.045	0.045	0.07	0.02	0.001	0.035	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/07/64-01/15/71	2	66.	66.	72.	60.	72.	8.485	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/07/64-01/15/71	2	31.5	31.5	33.	30.	4.5	2.121	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/07/64-01/15/71	2	20.5	20.5	23.	18.	12.5	3.536	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/07/64-01/15/71	2	3.65	3.65	3.7	3.6	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/64-01/15/71	2	8.55	8.55	9.1	8.	0.605	0.778	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/07/64-01/15/71	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	07/07/64-01/15/71	2	22.	22.	25.	19.	18.	4.243	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/07/64-01/15/71	2	0.7	0.7	1.3	0.1	0.72	0.849	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/07/64-01/15/71	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/07/64-01/15/71	2	36.	36.	38.	34.	8.	2.828	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/07/64-01/15/71	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/07/64-01/15/71	2	7.7	7.7	8.9	6.5	2.88	1.697	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/07/64-01/15/71	2	108.5	108.5	114.	103.	60.5	7.778	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/07/64-01/15/71	2	0.15	0.15	0.16	0.14	0.	0.014	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/07/64-01/15/71	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/07/64-01/15/71	2	15.	15.	30.	0.	450.	21.213	**	**	**	**
71885	IRON (UG/L AS FE)	07/07/64-01/15/71	2	35.	35.	50.	20.	450.	21.213	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/71-01/15/71	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: KATM0247

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00				1	0	0.00				1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00				1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00				1	0	0.00				1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00				1	0	0.00				1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00				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: KATM0248

NPS Station ID: KATM0248
LAT/LON: 58.685559/-156.668893
Agency: 112WRD
Date Created: / /
Location: ESKIMO C AT KING SALMON AK
FIPS State/County: 02060 ALASKA/BRISTOL BAY (B)
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 15297900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 19030204
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 19030204
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: KATM0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/70-09/25/72	10	8.25	8.35	12.	5.	5.836	2.416	5.1	6.375	10.25	11.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/27/70-09/25/72	12	15.	19.083	52.	5.	194.992	13.964	5.9	9.25	27.25	47.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/16/72-09/25/72	3	5.	5.667	10.	2.	16.333	4.041	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/08/64-09/25/72	4	20.	21.25	40.	5.	272.917	16.52	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/08/64-09/25/72	13	80.	86.769	132.	49.	494.359	22.234	55.	70.	104.	122.
00400	PH (STANDARD UNITS)	07/08/64-09/25/72	4	6.9	6.75	7.	6.2	0.137	0.37	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/64-09/25/72	4	6.9	6.61	7.	6.2	0.163	0.404	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/64-09/25/72	4	0.126	0.246	0.631	0.1	0.066	0.257	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/08/64-09/25/72	4	8.2	12.8	29.	5.8	117.98	10.862	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/64-09/25/72	4	31.	30.	34.	24.	18.667	4.32	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/08/64-09/25/72	4	37.5	36.5	42.	29.	31.	5.568	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/08/64-09/25/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/08/64-09/25/72	4	0.125	0.53	1.8	0.07	0.72	0.848	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/08/64-09/25/72	4	31.	32.5	40.	28.	33.	5.745	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/08/64-09/25/72	4	0.	4.	16.	0.	64.	8.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/64-09/25/72	4	7.4	7.4	8.2	6.6	0.667	0.816	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/64-09/25/72	4	2.95	3.375	4.9	2.7	1.089	1.044	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/64-09/25/72	4	6.4	6.3	6.7	5.7	0.187	0.432	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/08/64-09/25/72	4	0.5	0.475	0.5	0.4	0.002	0.05	**	**	**	**
00932	SODIUM, PERCENT	07/08/64-09/25/72	4	29.5	29.25	32.	26.	6.25	2.5	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/64-09/25/72	4	0.65	0.65	1.1	0.2	0.137	0.37	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/08/64-09/25/72	4	4.5	4.5	5.	4.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/08/64-09/25/72	4	5.	7.	16.	2.	40.667	6.377	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/08/64-09/25/72	4	0.1	0.075	0.1	0.	0.003	0.05	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/08/64-09/25/72	4	15.5	17.25	24.	14.	22.25	4.717	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/07/71-07/07/71	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/17/71-09/25/72	2	685.	685.	690.	680.	50.	7.071	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/07/71-07/07/71	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/17/71-09/25/72	2	80.	80.	80.	80.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/08/64-09/25/72	4	67.	67.75	80.	57.	89.583	9.465	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/07/71-09/25/72	3	2.75	2.45	2.92	1.68	0.452	0.672	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/08/64-09/25/72	4	0.09	0.093	0.11	0.08	0.	0.013	**	**	**	**
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	08/22/72-08/22/72	1	66.	66.	66.	66.	0.	0.	**	**	**	**
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	08/22/72-08/22/72	1	74.	74.	74.	74.	0.	0.	**	**	**	**
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	08/22/72-08/22/72	1	90.	90.	90.	90.	0.	0.	**	**	**	**
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	08/22/72-08/22/72	1	100.	100.	100.	100.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/08/64-09/25/72	4	0.55	2.325	7.9	0.3	13.869	3.724	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/08/64-07/08/64	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: KATM0248

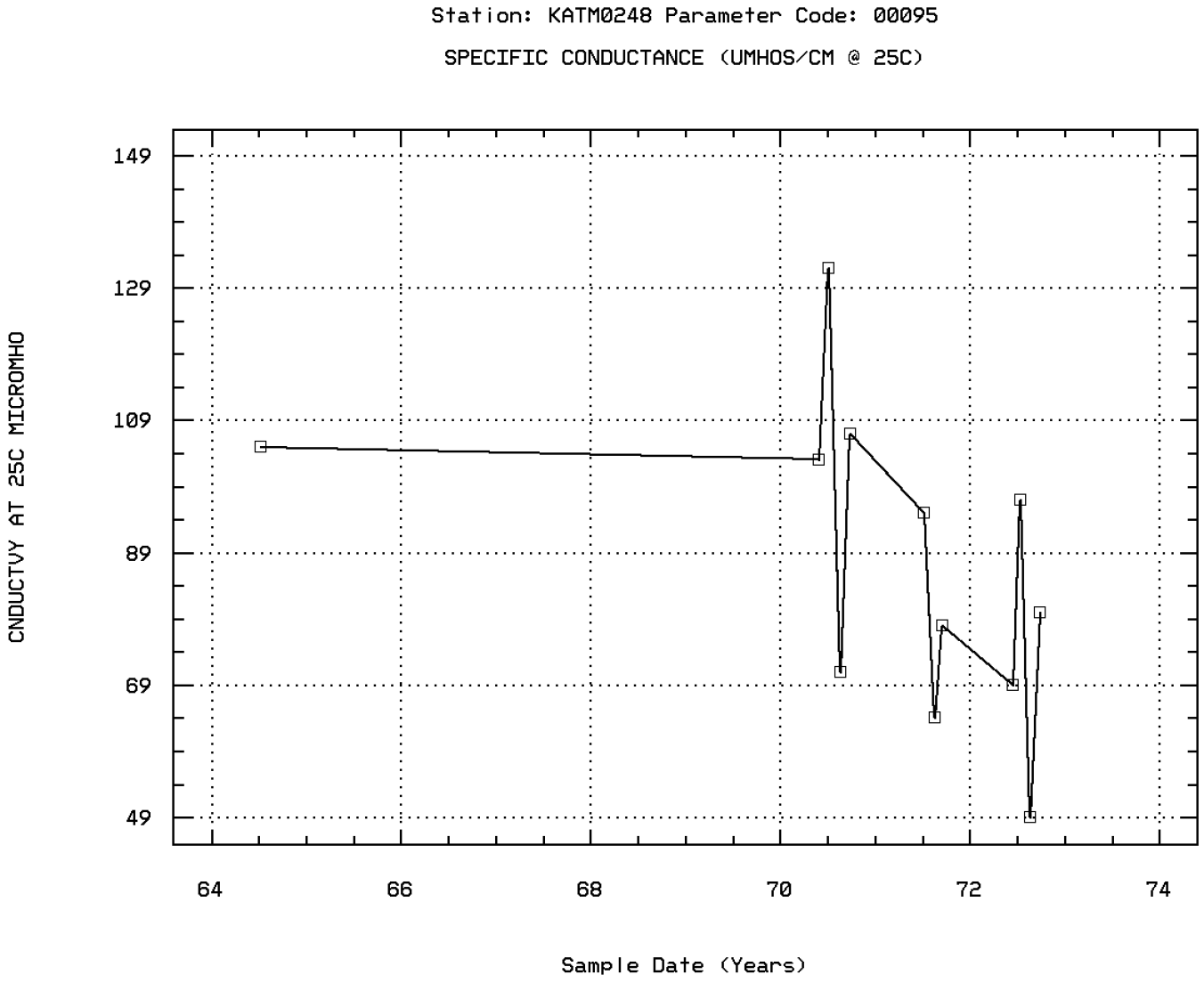
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71885	IRON (UG/L AS FE)	07/08/64-07/08/64	1	60.	60.	60.	60.	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/27/70-09/25/72	11	13.	23.636	54.	8.	339.655	18.43	8.2	11.	48.	53.8
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/27/70-09/25/72	11	0.56	1.656	7.6	0.18	6.031	2.456	0.182	0.32	1.3	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

EPA Water Quality Criteria Analysis for Station: KATM0248

				Total	Exceed	Prop.	----------7/20-10/14----------			----------10/15-2/19----------			----------2/20-5/09----------			----------5/10-7/19----------		
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.	3	0	0.00	2	0	0.00							1	0	0.00
00400	PH	Fresh Chronic	9.	4	0	0.00	2	0	0.00							2	0	0.00
		Other-Lo Lim.	6.5	4	1	0.25	2	0	0.00							2	1	0.50
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	2	0	0.00							2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	2	0	0.00							2	0	0.00
		Drinking Water	250.	4	0	0.00	2	0	0.00							2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	2	0	0.00							2	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	2	0	0.00							2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4	0	0.00	2	0	0.00							2	0	0.00

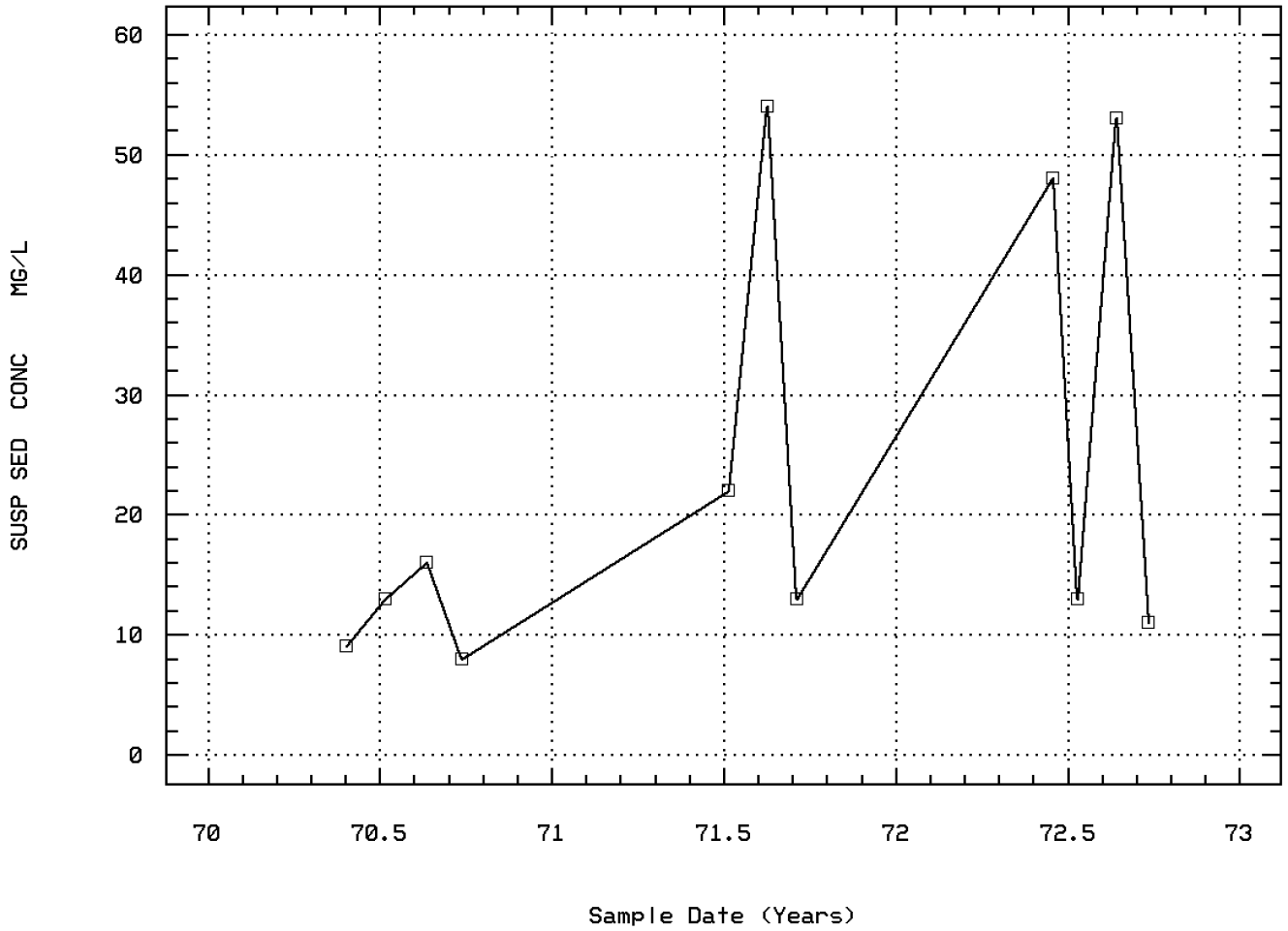
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



ESKIMO C AT KING SALMON AK

Station: KATM0248 Parameter Code: 80154

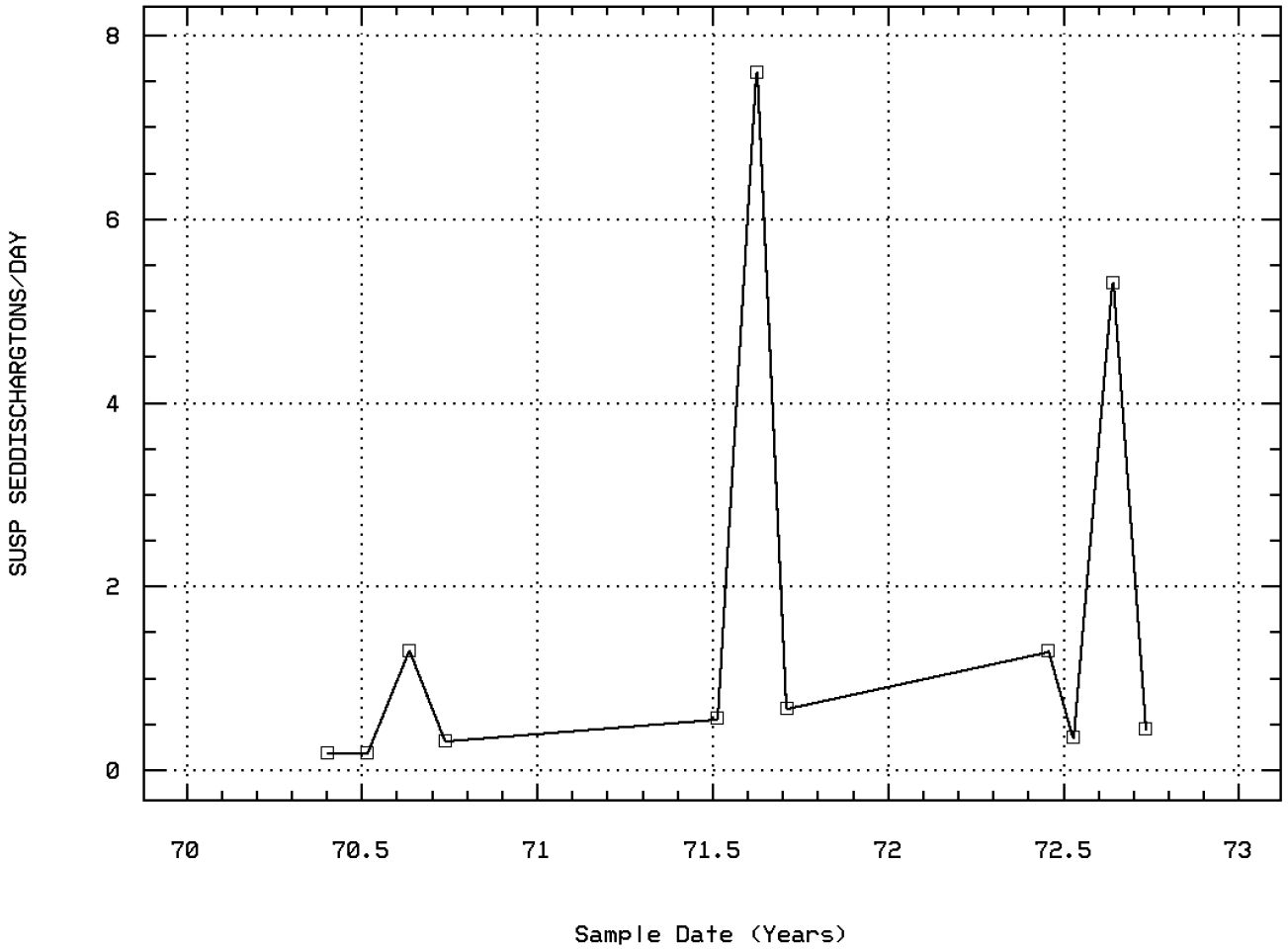
SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



ESKIMO C AT KING SALMON AK

Station: KATM0248 Parameter Code: 80155

SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)



ESKIMO C AT KING SALMON AK

EPA Water Quality Criteria Analysis for Entire KATM Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	9	0	0.00	6	0	0.00				1	0	0.00	2	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	639	0	0.00	639	0	0.00									
00400	PH	Fresh Chronic	9.	25	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00	11	0	0.00
		Other-Lo Lim.	6.5	25	4	0.16	10	3	0.30	2	0	0.00	2	0	0.00	11	1	0.09
00403	PH, LAB	Fresh Chronic	9.	68	0	0.00	51	0	0.00				3	0	0.00	14	0	0.00
		Other-Lo Lim.	6.5	68	45	0.66	51	32	0.63				3	2	0.67	14	11	0.79
00406	PH, FIELD	Fresh Chronic	9.	900	2	0.00	884	2	0.00				2	0	0.00	14	0	0.00
		Other-Lo Lim.	6.5	900	76	0.08	884	60	0.07				2	2	1.00	14	14	1.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	9	1	0.11	9	1	0.11									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	20	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00	11	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	8	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00	16	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	103	0	0.00	88	0	0.00	2	0	0.00	2	0	0.00	11	0	0.00
		Drinking Water	250.	103	0	0.00	88	0	0.00	2	0	0.00	2	0	0.00	11	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	65	2	0.03	49	0	0.00				2	0	0.00	14	2	0.14
		Drinking Water	250.	65	5	0.08	49	3	0.06				2	0	0.00	14	2	0.14
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	107	0	0.00	92	0	0.00	2	0	0.00	2	0	0.00	11	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	65	12	0.18	49	8	0.16				2	2	1.00	14	2	0.14
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	84	0	0.00	53	0	0.00	2	0	0.00	4	0	0.00	25	0	0.00
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	3	0	0.00	3	0	0.00									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	172	0	0.00	172	0	0.00									
		Drinking Water	50.	141 &	0	0.00	141	0	0.00									
00981	SELENIUM,TOTAL RECOVERABLE IN WATER AS S	Fresh Acute	20.	3 &	0	0.00	3	0	0.00									
		Drinking Water	50.	144 &	0	0.00	144	0	0.00									
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS	Fresh Acute	1400.	172	0	0.00	172	0	0.00									
		Drinking Water	2.	0 &	0	0.00												
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	172	0	0.00	172	0	0.00									
		Drinking Water	4.	172	1	0.01	172	1	0.01									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	5	0.50	9	5	0.56	1	0	0.00						
		Drinking Water	50.	10	8	0.80	9	8	0.89	1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	11	0	0.00	5	0	0.00				1	0	0.00	5	0	0.00
		Drinking Water	50.	11	0	0.00	5	0	0.00				1	0	0.00	5	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	29	0	0.00	25	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	11	0	0.00	5	0	0.00				1	0	0.00	5	0	0.00
01009	BARIUM,TOTAL RECOVERABLE IN WATER AS BA	Drinking Water	2000.	172	0	0.00	172	0	0.00									
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	5	0	0.00	5	0	0.00									
		Drinking Water	4.	5	0	0.00	5	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	1	0.33	2	1	0.50	1	0	0.00						
		Drinking Water	5.	3	1	0.33	2	1	0.50	1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	10	0	0.00	5	0	0.00							5	0	0.00
		Drinking Water	5.	10	0	0.00	5	0	0.00							5	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00	2	0	0.00	1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	11	0	0.00	5	0	0.00				1	0	0.00	5	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	2	0.67	2	1	0.50	1	1	1.00						
		Drinking Water	1300.	3	0	0.00	2	0	0.00	1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	19	4	0.21	14	1	0.07							5	3	0.60
		Drinking Water	1300.	19	0	0.00	14	0	0.00							5	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	15.	2 &	0	0.00	1	0	0.00	1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	11	0	0.00	5	0	0.00				1	0	0.00	5	0	0.00
		Drinking Water	15.	11	0	0.00	5	0	0.00				1	0	0.00	5	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	10	0	0.00	5	0	0.00							5	0	0.00
		Drinking Water	100.	10	0	0.00	5	0	0.00							5	0	0.00
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	172	0	0.00	172	0	0.00									
		Drinking Water	100.	172	0	0.00	172	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	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.	11	0	0.00	5	0	0.00				1	0	0.00	5	0	0.00

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

EPA Water Quality Criteria Analysis for Entire KATM Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	7/20-10/14 Obs	7/20-10/14 Exceed	7/20-10/14 Prop.	10/15-2/19 Obs	10/15-2/19 Exceed	10/15-2/19 Prop.	2/20-5/09 Obs	2/20-5/09 Exceed	2/20-5/09 Prop.	5/10-7/19 Obs	5/10-7/19 Exceed	5/10-7/19 Prop.
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	31 &	0	0.00	31	0	0.00									
		Drinking Water	100.	172	0	0.00	172	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	1	0.33	2	1	0.50	1	0	0.00						
		Drinking Water	5000.	3	0	0.00	2	0	0.00	1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	18	1	0.06	13	1	0.08							5	0	0.00
		Drinking Water	5000.	18	0	0.00	13	0	0.00							5	0	0.00
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	172	1	0.01	172	1	0.01									
		Drinking Water	5000.	172	0	0.00	172	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
01097	ANTIMONY, TOTAL	Fresh Acute	88.	5	0	0.00	5	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	172	1	0.01	172	1	0.01									
		Drinking Water	5.	172	1	0.01	172	1	0.01									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	172	1	0.01	172	1	0.01									
		Drinking Water	15.	26 &	26	1.00	26	26	1.00									
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	172	0	0.00	172	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	172	0	0.00	172	0	0.00									
		Drinking Water	1300.	172	0	0.00	172	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	1	0.33	2	1	0.50	1	0	0.00						
		Drinking Water	50.	3	1	0.33	2	1	0.50	1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	11	0	0.00	5	0	0.00				1	0	0.00	5	0	0.00
		Drinking Water	50.	11	0	0.00	5	0	0.00				1	0	0.00	5	0	0.00
01268	ANTIMONY (SB), WATER, TOTAL RECOVERABLE	Fresh Acute	88.	172	0	0.00	172	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	9	0	0.00	9	0	0.00									
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	62	0	0.00	45	0	0.00	8	0	0.00	9	0	0.00			
		Drinking Water	700.	62	0	0.00	45	0	0.00	8	0	0.00	9	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	9	0	0.00	9	0	0.00									
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	9	0	0.00	9	0	0.00									
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	9	0	0.00	9	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	21	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00	11	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	12	0	0.00	5	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00
		Drinking Water	2.	12	0	0.00	5	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00
80020	URANIUM, DISS. BY EXTRACTION FLUOROMETRI	Drinking Water	20.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	52	2	0.04	52	2	0.04									

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

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

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

Bacteria*

*Not A Priority Parameter

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

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

Alkalinity		Total Obs.	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	54	11	16	27	41
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	3	3	0	0	3
00440	BICARBONATE ION (MG/L AS HCO3)	52	30	0	22	31
00445	CARBONATE ION (MG/L AS CO3)	21	0	0	21	9
		130	44	16	70	84 (63)[1]

pH		Total Obs.	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	31	3	0	28	18
00403	PH, LAB (STANDARD UNITS)	68	49	19	0	48
00406	PH, FIELD (STANDARD UNITS)	900	867	33	0	126
		999	919	52	28	192(152)[1]

Conductivity		Total Obs.	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	831	814	17	0	94
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	57	24	1	32	34
00480	SALINITY - PARTS PER THOUSAND	394	394	0	0	11
		1282	1232	18	32	139(124)[1]

Dissolved Oxygen		Total Obs.	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	639	639	0	0	33
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	394	394	0	0	11
		1033	1033	0	0	44 (33)[1]

Water Temperature		Total Obs.	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	906	866	18	22	113
		906	866	18	22	113(113)[1]

Flow		Total Obs.	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00061	FLOW, STREAM, INSTANTANEOUS CFS	49	27	0	22	22
		49	27	0	22	22 (22)[1]

Clarity/Turbidity		Total Obs.	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	9	2	1	6	5
00078	TRANSPARENCY, SECCHI DISC (METERS)	80	74	0	6	39
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	24	23	0	1	20
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	52	52	0	0	40
		165	151	1	13	104 (64)[1]

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

Nitrate/Nitrogen		Total Obs.	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	41	41	0	0	22
00602	NITROGEN, DISSOLVED (MG/L AS N)	50	50	0	0	28
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	20	0	0	20	9
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	31	16	9	6	17
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	2	2	0	0	2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	16	16	0	0	16
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	2	2	0	0	2
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	21	0	0	21	9
		183	127	9	47	105 (58)[!]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	6	6	0	0	6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	76	71	0	5	49
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	37	37	0	0	23
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	2	2	0	0	2
		121	116	0	5	80 (49)[!]

Chlorophyll		Total Obs.	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	20	20	0	0	17
		20	20	0	0	17 (17)[!]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	29	2	0	27	16
00945	SULFATE, TOTAL (MG/L AS SO4)	108	77	10	21	79
00946	SULFATE, DISSOLVED (MG/L AS SO4)	65	47	18	0	45
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	7	0	1	6	7
		209	126	29	54	147(137)[!]

[!]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 09/15/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	2	2	0	0	2
01097	ANTIMONY, TOTAL (UG/L AS SB)	5	5	0	0	5
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	172	172	0	0	42
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS (UG/L)	172	172	0	0	42
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10	5	4	1	10
01002	ARSENIC, TOTAL (UG/L AS AS)	11	10	1	0	11
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	172	172	0	0	42
01012	BERYLLIUM, TOTAL (UG/L AS BE)	5	5	0	0	5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	3	2	0	1	3
01027	CADMIUM, TOTAL (UG/L AS CD)	11	10	1	0	11
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	172	172	0	0	42
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	3	2	0	1	3
01034	CHROMIUM, TOTAL (UG/L AS CR)	11	10	1	0	11
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	172	172	0	0	42
01040	COPPER, DISSOLVED (UG/L AS CU)	3	2	0	1	3
01042	COPPER, TOTAL (UG/L AS CU)	19	16	3	0	19
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	172	172	0	0	42
01049	LEAD, DISSOLVED (UG/L AS PB)	3	2	0	1	3
01051	LEAD, TOTAL (UG/L AS PB)	11	10	1	0	11
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	172	172	0	0	42
71900	MERCURY, TOTAL (UG/L AS HG)	12	10	1	1	12
01065	NICKEL, DISSOLVED (UG/L AS NI)	2	2	0	0	2
01067	NICKEL, TOTAL (UG/L AS NI)	10	10	0	0	10
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	172	172	0	0	42
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	172	172	0	0	42
01145	SELENIUM, DISSOLVED (UG/L AS SE)	3	2	0	1	3
01147	SELENIUM, TOTAL (UG/L AS SE)	11	10	1	0	11
01075	SILVER, DISSOLVED (UG/L AS AG)	1	0	0	1	1
01077	SILVER, TOTAL (UG/L AS AG)	11	10	1	0	11
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	172	172	0	0	42
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	172	172	0	0	42
01090	ZINC, DISSOLVED (UG/L AS ZN)	3	2	0	1	3
01092	ZINC, TOTAL (UG/L AS ZN)	18	15	3	0	18
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	172	172	0	0	42
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	62	62	0	0	30
34301	CHLOROBENZENE, TOTAL (UG/L)	9	9	0	0	9
34371	ETHYLBENZENE, TOTAL (UG/L)	62	62	0	0	30
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	62	62	0	0	30
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	9	9	0	0	9
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	9	9	0	0	9
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	9	9	0	0	9
		2454	2428	17	9	798(103)[1]

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

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	130	44	33.8	63	25.4	2.1	09/08/53-08/08/92	3.3
pH	999	919	92.0	152	61.3	6.6	09/08/53-08/07/97	22.7
Conductivity	1282	1232	96.1	124	50.0	10.3	09/08/53-08/07/97	29.2
Dissolved Oxygen	1033	1033	100.0	33	13.3	31.3	08/02/90-08/07/97	147.2
Water Temperature	906	866	95.6	113	45.6	8.0	06/15/67-08/07/97	30.1
Flow	49	27	55.1	22	8.9	2.2	06/15/67-08/26/92	1.9
Clarity/Turbidity	165	151	91.5	64	25.8	2.6	06/01/61-08/07/97	4.6
Nitrate/Nitrogen	183	127	69.4	58	23.4	3.2	09/08/53-08/26/92	4.7
Phosphate/Phosphorus	121	116	95.9	49	19.8	2.5	07/04/57-08/26/92	3.4
Chlorophyll	20	20	100.0	17	6.9	1.2	08/02/90-08/09/92	9.9
Sulfates/Total Dissolved Solids/Hardness	209	126	60.3	137	55.2	1.5	09/08/53-08/26/92	5.4
Bacteria	0	0	0.0	0	0.0	0.0	No Data For Group	0.0
Toxic Elements	2454	2428	98.9	103	41.5	23.8	01/15/71-09/15/97	92.0

Water Quality Observations
Outside STORET Edit Criteria for KATM

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
KATM0020	01045	IRON, TOTAL (UG/L AS FE)	890813		27962000.0000000	11NPSWRD	KATM_OSU_KUGU	
KATM0055	01020	BORON, DISSOLVED (UG/L AS B)	750707		12000.0000000	11NPSWRD	KATM_KEITH_M2	
KATM0057	01020	BORON, DISSOLVED (UG/L AS B)	750707		14000.0000000	11NPSWRD	KATM_KEITH_M5	
KATM0062	01020	BORON, DISSOLVED (UG/L AS B)	890813		10760.0000000	11NPSWRD	KATM_OSU_KCL	
KATM0062	01145	SELENIUM, DISSOLVED (UG/L AS SE)	890813		108.0000000	11NPSWRD	KATM_OSU_KCL	
KATM0098	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	820803		40.0000000	11NPSWRD	KATM_KEITH_T3-1	
KATM0100	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	820803		42.0000000	11NPSWRD	KATM_KEITH_T3-2	
KATM0102	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	840809		40.0000000	11NPSWRD	KATM_KEITH_T3-3	
KATM0102	01020	BORON, DISSOLVED (UG/L AS B)	840809		5500.0000000	11NPSWRD	KATM_KEITH_T3-3	

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) KATMTABS.ZIP

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

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

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

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

(d) KATMOV0.DOC - Overview of park and retrieved data.

(e) KATMOV1.DOC - Station period of record table.

(f) KATMOV2.DOC - Parameter period of record table.

(g) KATMOV3.DOC - Station/parameter period of record table.

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

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

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

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

(l) KATMBAD.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 KATMOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\KATMOV1.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) KATMFIGS.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 KATM0001. 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 KATM0001) 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) KATMPARM.ZIP

This file compresses KATMPARM.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) KATMSITE.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) KATMWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

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

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

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

(e) KATMDAMS.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) KATMMISC.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) KATMEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

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

(f) KATMWQ - 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 (KATMWQA, KATMWQB, KATMWQC, etc.) and the index map name will end with an ampersand (&).

(g) KATMIDG - 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 (KATMIDGA, KATMIDGB, KATMIDGC, 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) KATMSEHY - 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 KATMFIGS.ZIP and KATMTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in KATMMISC.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) KATMRF3.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) KATMWQMW.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: KATMPARM.DBF in KATMPARM.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: KATMPARM.DBF in KATMPARM.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: KATMPARM.DBF in KATMPARM.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: KATMWQ.DBF in KATMSITE.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: KATMWQ.DBF in KATMSITE.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: KATMIFD.DBF in KATMSITE.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: KATMIFD.DBF in KATMSITE.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: KATMIFD.DBF in KATMSITE.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: KATMDRIN.DBF in KATMSITE.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: KATMDRIN.DBF in KATMSITE.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: KATMDRIN.DBF in KATMSITE.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: KATMGAGE.DBF in KATMSITE.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: KATMGAGE.DBF in KATMSITE.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: KATMDAMS.DBF in KATMSITE.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: KATMDAMS.DBF in KATMSITE.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: KATMDAMS.DBF in KATMSITE.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: KATMDAMS.DBF in KATMSITE.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 KATMRF3.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 KATMRF3.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 KATMRF3.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 KATMRF3.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 KATMRF3.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 KATMRF3.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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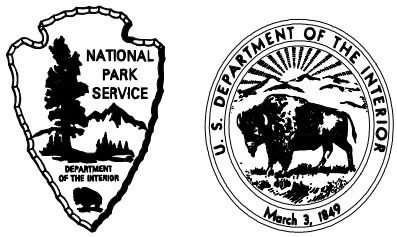
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