Baseline Water Quality Data

Inventory and Analysis

Assateague Island National Seashore



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

ASSATEAGUE ISLAND NATIONAL SEASHORE

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 Assateague Island National Seashore (ASIS) 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) Flow Gages (GAGES); and (6) Water Impoundments (DAMS). This document is one product resulting from a cooperative contractual endeavor between the National Park Service's Servicewide Inventory and Monitoring Program, the National Park Service's Water Resources Division (WRD), and Horizon Systems Corporation to retrieve, format, and analyze 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 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 18 industrial/municipal dischargers, no drinking water intakes, nine water gages, and no water impoundments. The results of the STORET retrieval for the study area yielded 49,335 observations for 97 separate parameters collected by three federal and two state agencies at 319 monitoring stations. Of the 319 monitoring stations, 188 were established by the Maryland Department of Natural Resources and the Virginia Department of Environmental Quality (VDEQ) but contained no data. One station was used only for monitoring shellfish tissue (Assateague Maryland, ASIS 0284). Forty-five stations were located within the park boundary. Fifteen stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Ninety-five stations with location descriptions "Chincoteague Assateague Is Numbered Stations" yielded longer-term records consisting of multiple observations for fecal coliform, rainfall, and/or fecal streptococci. These data were reported by VDEQ for the Rappahannock-York Rivers basin. Twenty-six stations within the study area, but outside of the park boundary, yielded longer-term records consisting of multiple observations for several important water quality parameters. These stations are: (1-7) Chincoteague Assateague Is Numbered Stations (ASIS0020, ASIS0044, ASIS0045, ASIS0046, ASIS0047, ASIS0075, ASIS0080); (8) Tom's Cove (ASIS 0038); (9) Tom's Cove (ASIS 0041); (10) Chincoteague Channel Marker #28 (ASIS 0057); (11) Wildcat Point (ASIS 0099); (12) Sinnickson (ASIS 0100); (13) Greenbackville (ASIS 0101); (14) Johnson Bay SE of Tizzard Island (ASIS 0127); (15) Taylor's Landing (ASIS 0131); (16) Chincoteague Bay West of Winter Quarter (ASIS 0145); (17) Chincoteague Bay East of Public Landing (ASIS 0163); (18) Sinepuxent Bay North of South Point (ASIS 0191); (19) Newport Bay West of Newport Neck (ASIS 0207); (20) Mid-Channel at Bridge Crossing From Sandy Pt. - As (ASIS 0210); (21) Sinepuxent Bay @ Assateague Island Bridge (ASIS 0211); (22) Chincoteague Bay - Trappe Creek (ASIS 0216); (23) Sinepuxent Bay @ Outlet of Snug Harbor (ASIS 0249); (24) Sinepuxent Bay @ Outlet of Fish Harbor (ASIS 0278); (25) West Ocean City Inlet (ASIS 0291); and (26) Route 50 Bridge (ASIS 0293)[†]. One station yielding a longer-term record within the park boundary is: (1) Chincoteague Bay West of Pope Island (ASIS 0113).

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 ASIS water quality criteria screen found seven parameters

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

that exceeded screening criteria at least once within the study area. Dissolved oxygen and pH exceeded their respective EPA criteria for the protection of aquatic life. Copper, lead, and DDT exceeded their respective EPA acute criteria for the protection of marine aquatic life. Total coliform and fecal coliform concentrations exceeded the WRD screening limits for bathing water.

Dissolved oxygen concentrations were measured 816 times at 20 monitoring stations from 1969 through 1994. Seven observations at four monitoring stations were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of aquatic life. The criterion was exceeded at Sinnickson (ASIS 0100), Taylor's Landing (ASIS 0131), Chincoteague Bay East of the Public Landing (ASIS 0163), and Mid-Channel at the Bridge Crossing From Sandy Point (ASIS 0210).

The pH was measured 845 times at 21 monitoring stations from 1969 through 1994. Three observations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for aquatic life). These observations ranged from 5.0 SU to 6.5 SU in Mid-Channel at the Bridge Crossing From Sandy Point (ASIS 0210), Chincoteague Bay-Trappe Creek (ASIS 0216), and at the Route 50 Bridge (ASIS 0293).

Total coliform concentrations were determined 58 times at two monitoring stations from 1969 through 1978. One observation of 23,000 most probable number per 100 milliliters (MPN/100 ml) in Mid-Channel at the Bridge Crossing From Sandy Point (ASIS 0210) exceeded the 1,000 MPN/100 ml WRD screening criterion for bathing water in September 1977. Fecal coliform concentrations were determined 7,292 times at 105 stations from 1964 through 1990. One-hundred-ten observations at 46 stations, primarily in the southern part of the study area at the VDEQ "Chincoteague Assateague Is Numbered Stations", exceeded the 200 MPN/100 ml WRD screening criterion for bathing water. The highest reported fecal coliform concentration was 1500 MPN/100 ml in Mid-Channel at the Bridge Crossing From Sandy Point (ASIS 0210) in September 1977.

The total copper concentration was measured once at 14 monitoring stations in 1971. Each of the observations was within the range of 40 micrograms per liter (µg/L) to 80 µg/L, exceeding the acute marine criterion of 2.9 µg/L (ASIS 0228, ASIS 0232, ASIS 0237, ASIS 0241, ASIS 0244, ASIS 0262, ASIS 0265, ASIS 0267, ASIS 0269, ASIS 0274, ASIS 0276, ASIS 0283, ASIS 0288, ASIS 0290).

The total lead concentration was measured once at 14 monitoring stations in 1971. Six concentrations ranging from 300 µg/L to 400 µg/L exceeded the acute marine criterion of 220 µg/L (ASIS 0241, ASIS 0262, ASIS 0265, ASIS 0269, ASIS 0274, ASIS 0288).

DDT concentrations were measured 23 times at 14 monitoring stations in 1971. Of the 22 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), seven observations ranging from 0.20 µg/L to 2.45 µg/L exceeded the acute marine criterion of 0.13 µg/L (ASIS 0237, ASIS 0241, ASIS 0244, ASIS 0262, ASIS 0265, ASIS 0267, ASIS 0276).

The IDEA conducted for ASIS indicates that STORET data exist for every Level I parameter group within the study area. Timely data were retrieved for most of the required chemical parameters. However, much of the data were collected only from a limited number of the established monitoring stations. Results for only 16 of the 127 EPA priority toxic pollutants (consisting of inorganic parameters and pesticides) were retrieved from STORET.

Assateague Island is a 37-mile long barrier island along the Atlantic coast of Maryland and Virginia. Surface water resources include the Chincoteague - Sinepuxent Bay complex and the Atlantic Ocean. Based on the data inventories and analyses contained in this report, surface waters within the study area are generally of good quality with some indications of impacts from human activities. Potential sources of contaminants include increasing coastal development, septic systems, recreational usage, marinas, and agricultural runoff in the coastal watershed of the Delmarva Peninsula.

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INTRODUCTION

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

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

Goal

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

Purpose

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

Objectives

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

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

2. Develop a complete inventory of all retrieved data;

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

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

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

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

Document Overview

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

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

Caveats

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

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

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

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

Key Personnel

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

National Park Service, Water Resources Division:

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

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

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

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

Julie Mattick and Scott Hermsen helped prepare the report and write the Executive Summary.

Joe Gregson and Elizabeth Eisenhauer provided digital cartographic support, both in determining retrieval/query areas and producing graphics.

Randy Siddens 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.

Vickie Baitinger served as the Production Technician and was responsible for executing the software and procedures to produce the park unit chapters.

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

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

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

Other National Park Service:

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

METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

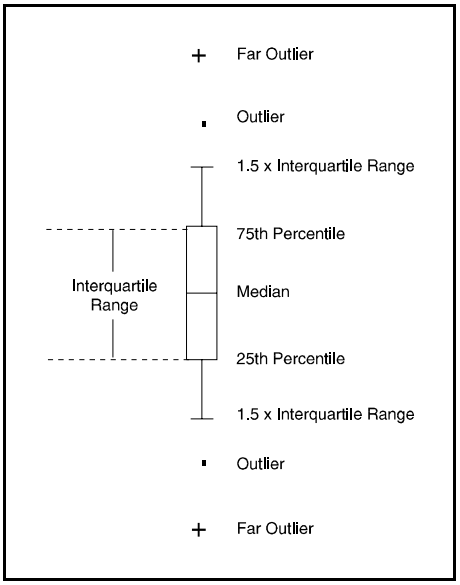
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR ASIS[1]

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:	195437	56333
# STORET Stations:	319	45
# Stations With No Data:	188	18
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	27	1
Date of STORET Retrieval:	07/19/95	07/19/95
Period of Record:	08/25/64-10/21/94	05/11/65-09/15/94
# Parameters Measured:	97	59
# Water Quality Observations:	49335	4892
# Industrial/Municipal Facilities:	18	0
# Drinking Water Intakes:	0	0
# Water Gages:	9	1
# Water Impoundments:	0	0
# Total Plots:	116	3
# Time Series:	32	1
# Annual:	39	1
# Seasonal:	45	1

Hydrologic Definition of Seasons:

1. October 15 - March 15
2. March 16 - June 30
3. July 1 - October 14

Time Series Plot Criteria:

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

Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 8 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:

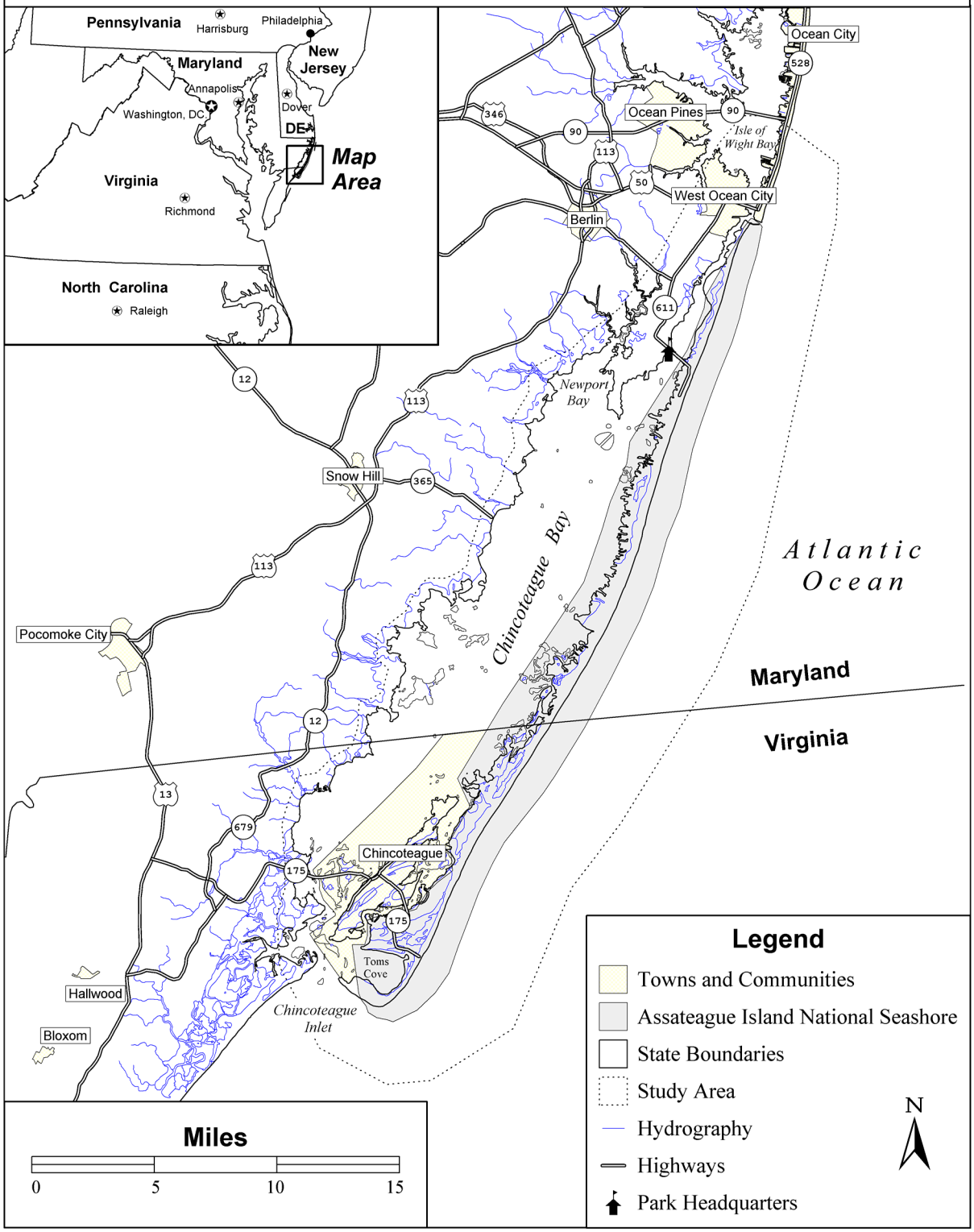
To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 12 years and observations in at least 4 of the 12 years.

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.

[1]To prepare a Microsoft Word version of this report, data were reprocessed 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).

Assateague Island National Seashore

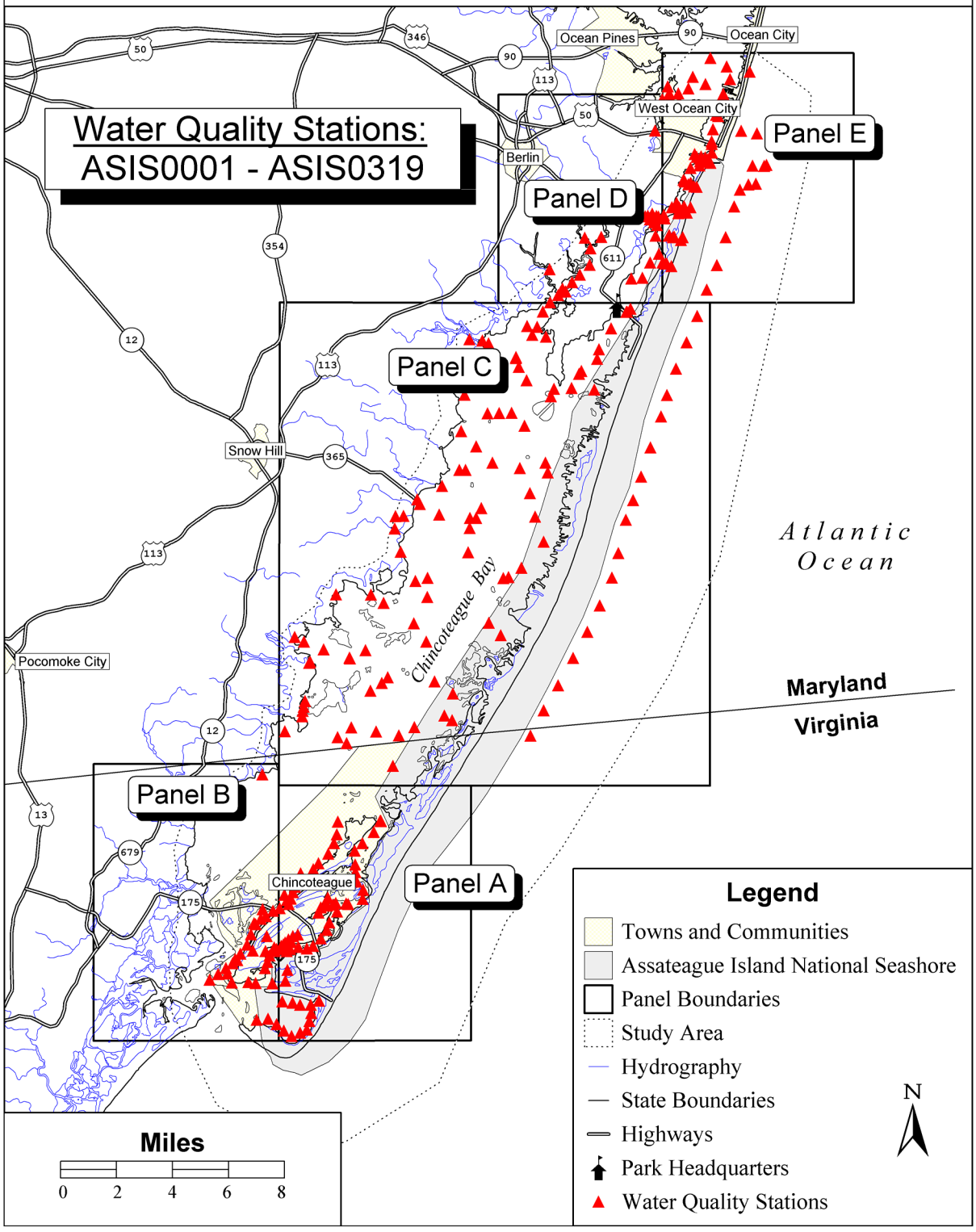
Regional Location Map



Assateague Island National Seashore

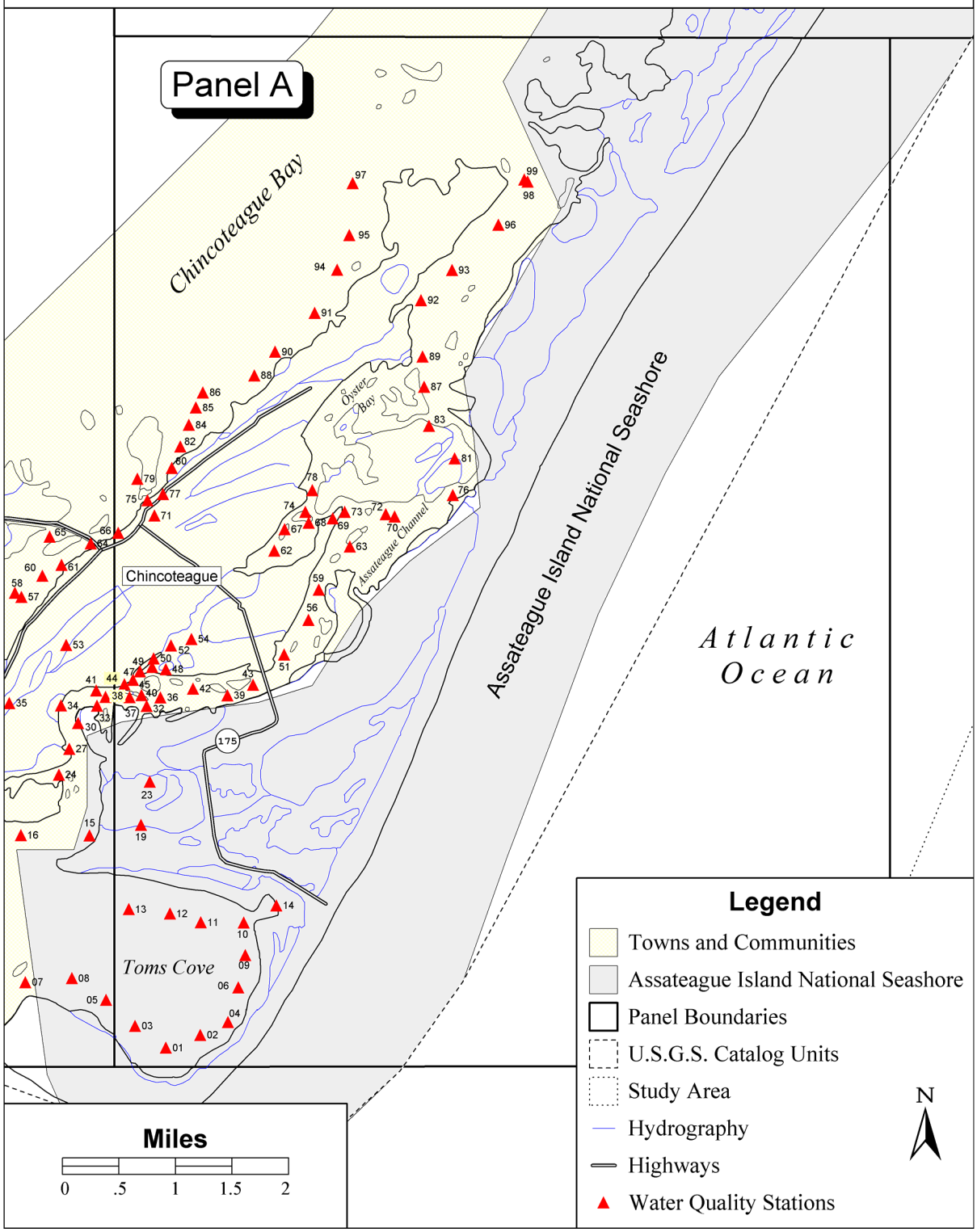
Water Quality Monitoring Locations

Graphic Panel Index



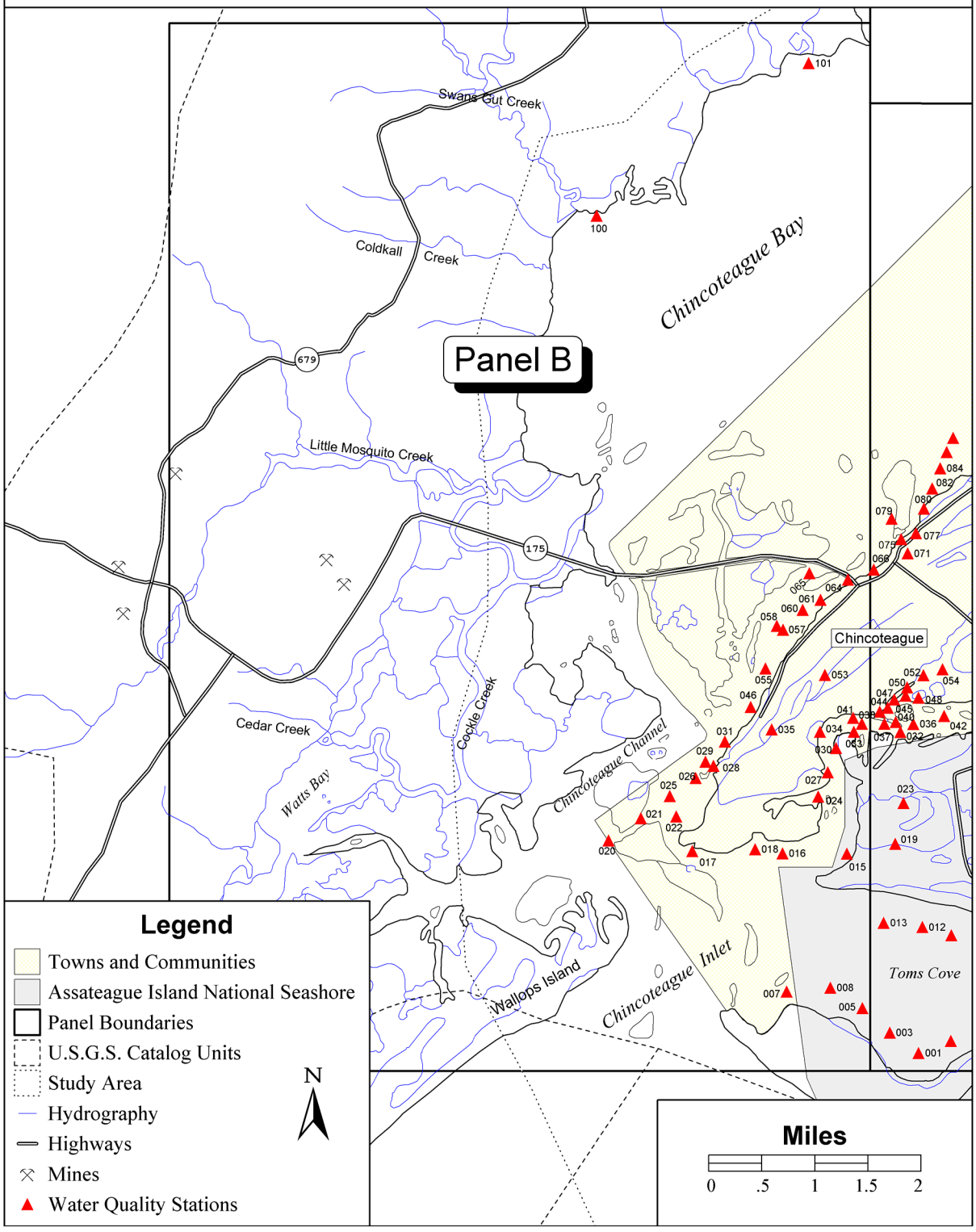
Assateague Island National Seashore

Water Quality Monitoring Locations



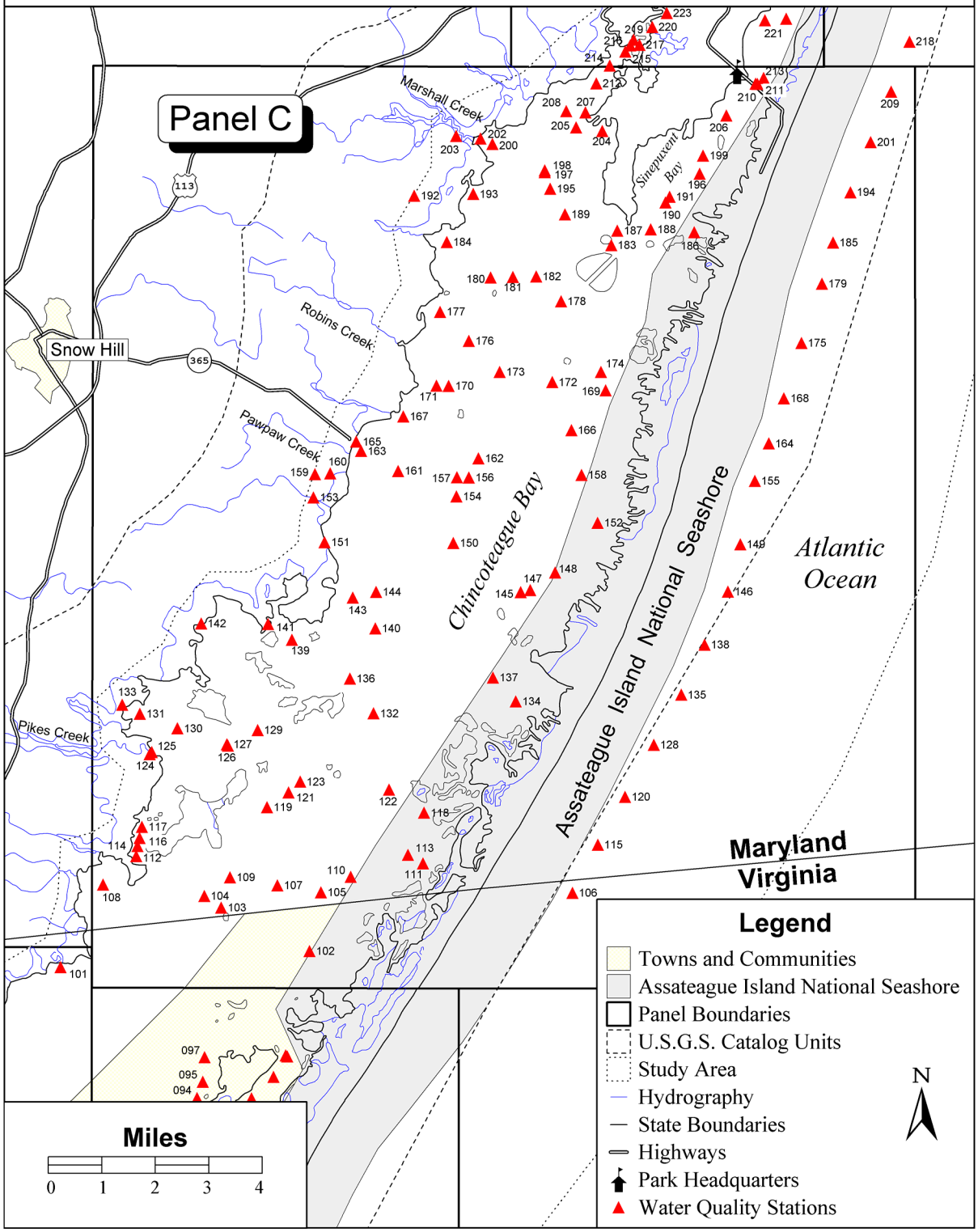
Assateague Island National Seashore

Water Quality Monitoring Locations



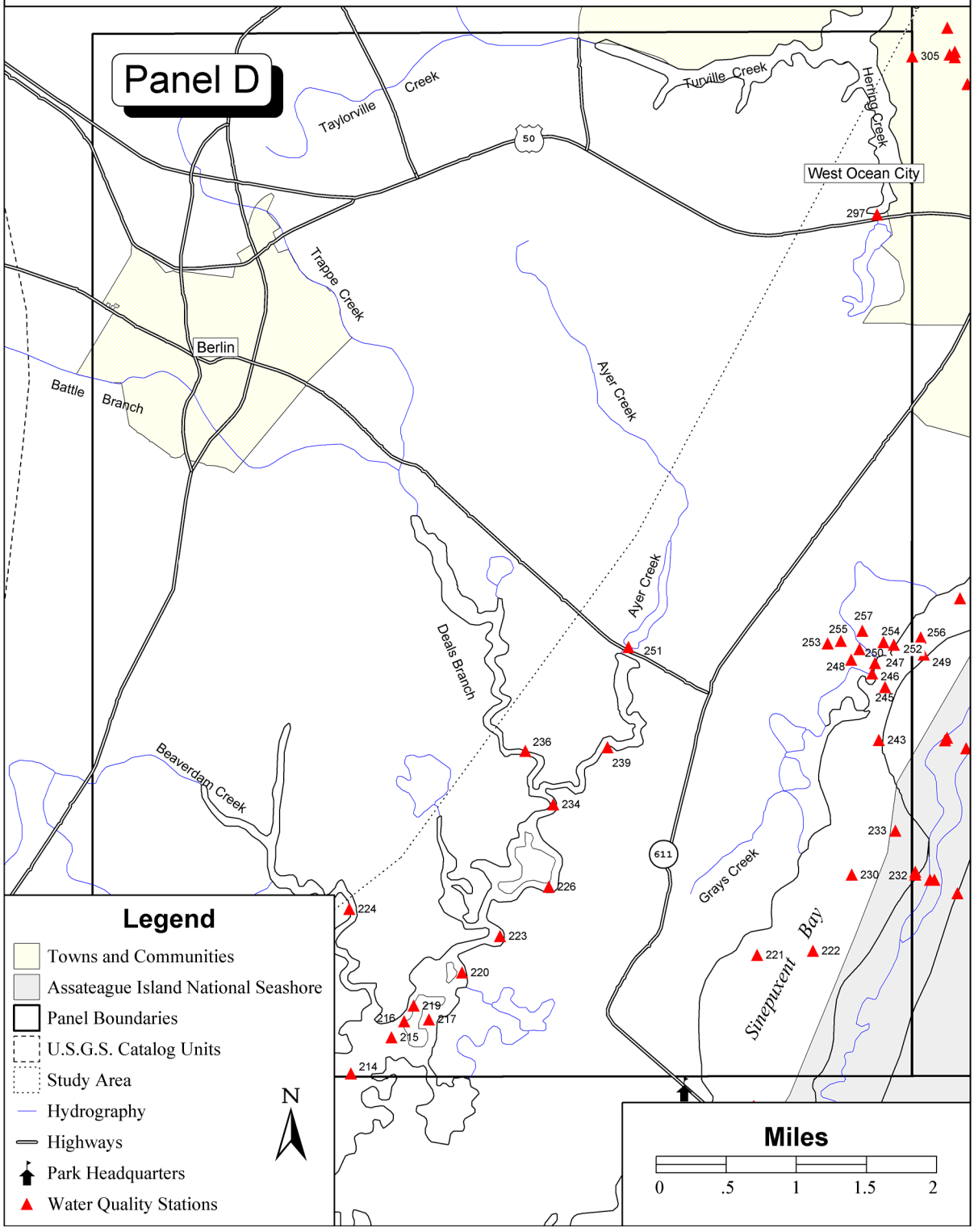
Assateague Island National Seashore

Water Quality Monitoring Locations



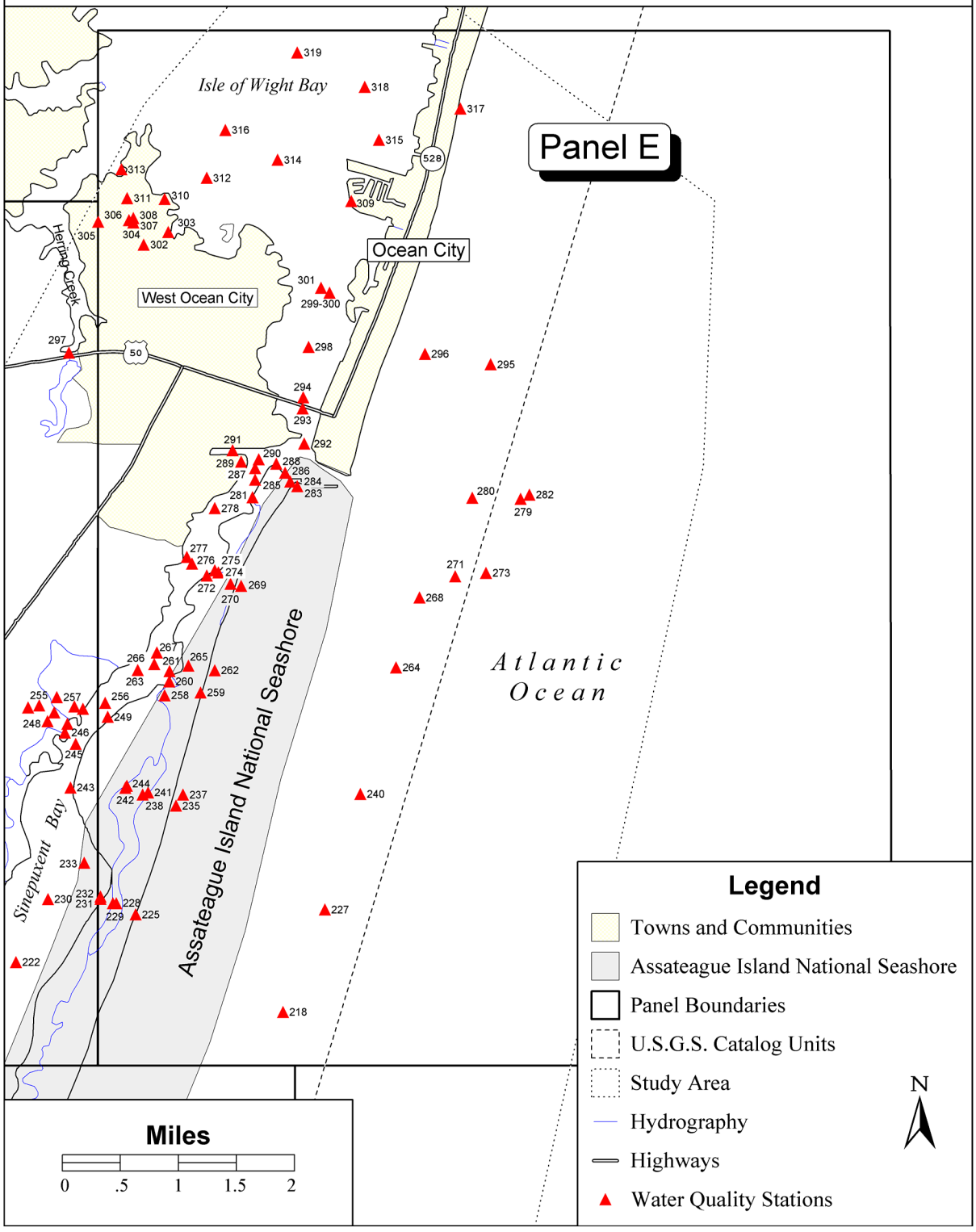
Assateague Island National Seashore

Water Quality Monitoring Locations



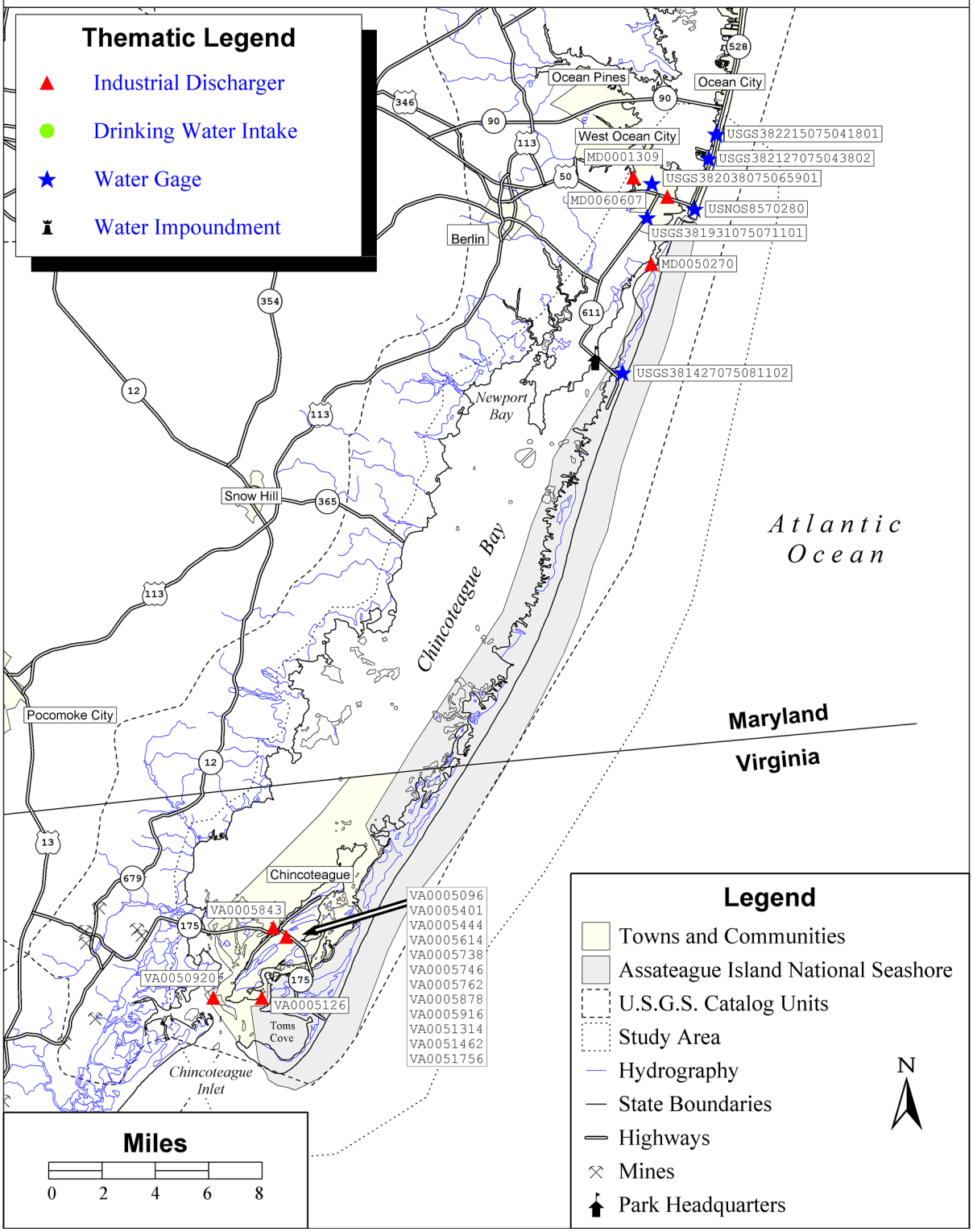
Assateague Island National Seashore

Water Quality Monitoring Locations



Assateague Island National Seashore

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
MD0001309	BEATRICE FOODS CO PET SPECIAL	ROUTE 3, BOX 28	BERLIN	KITTS BRANCH
MD0050270	MARTIN FISH COMPANY INC	SOUTH HARBOR RD	OCEAN CITY	COMMERCIAL HBR
MD0060607	AMERICAN ORIGINAL CO., DAVIS & LYNC	215 HIGH STREET	WEST OCEAN CITY	WEST OCEAN CITY HARBOR
VA0005096	CHINCOTEAGUE SEAFOOD CO.	N MAIN ST	CHINCOTEAQUE	CHINCOTEAGUE CH
VA0005126	A AND B SEAFOOD CO	.....	CHINCOTEAQUE	CHINCOTEAGUE CH
VA0005401	MCCREADY BROS INC OYSTER HOUSE	N MAIN ST	CHINCOTEAGUE	CHINCOTEAGUE CH
VA0005444	WM C BUNTING CO INC	102 S MAIN ST	CHINCOTEAGUE	CHINCOTEAGUE CH
VA0005614	JONES BROS SEAFOOD OYSTER CLAM	.....	CHINCOTEAGUE	SHEEPSHEAD CK
VA0005738	THOMAS E REED SEAFOOD	.....	CHINCOTEAGUE	DEEP HOLE CK
VA0005746	CONNER AND MCGEE SEAFOOD	EASTSIDE	CHINCOTEAGUE	SHEEPSHEAD CK
VA0005762	RALPH E WATSON SEAFOOD	N MAIN ST	CHINCOTEAGUE	CHINCOTEAGUE CH
VA0005843	REGINALD E STUBBS SEAFOOD	711 N MAIN ST	CHINCOTEAGUE	CHINCOTEAGUE CH
VA0005878	SHREVES BROTHERS SEAFOOD	118 ACCOMATTOX ST	CHINCOTEAGUE	CHINCOTEAGUE CH
VA0005916	CARPENTERS SEAFOOD	700 S MAIN ST	CHINCOTEAGUE	CHINCOTEAGUE CH
VA0050920	F&G LAUNDRY	304 SOUTH MAIN ST	CHINCOTEAGUE	CHINCOTEAGUE CH
VA0051314	W E JONES SEAFOOD	.....	CHINCOTEAGUE	SHEEPS HEAD C
VA0051462	CHINCOTEAGUE FISH CO.INC.	.....	CHINCOTEAGUE	CHINCOTEAGUE CH
VA0051756	CHINCOTEAGUE, TOWN OF	.....	CHINCOTEAGUE	CHINCOTEAGUE CH

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
USNOS8570280	OCEAN CITY MD	OT			
USGS381427075081102	WO Dg 21	Well			
USGS381931075071101	WO CG 69	Well			
USGS382038075065901	WO BG 49	Well			
USGS382127075043802	WO Bh 98	Well			
USGS382215075041801	WO BH 31	Well			
USGS382215075041901	WO BH 84	Well			
USGS382215075041902	WO BH 85	Well			
USGS382215075041903	WO Bh 89	Well			

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

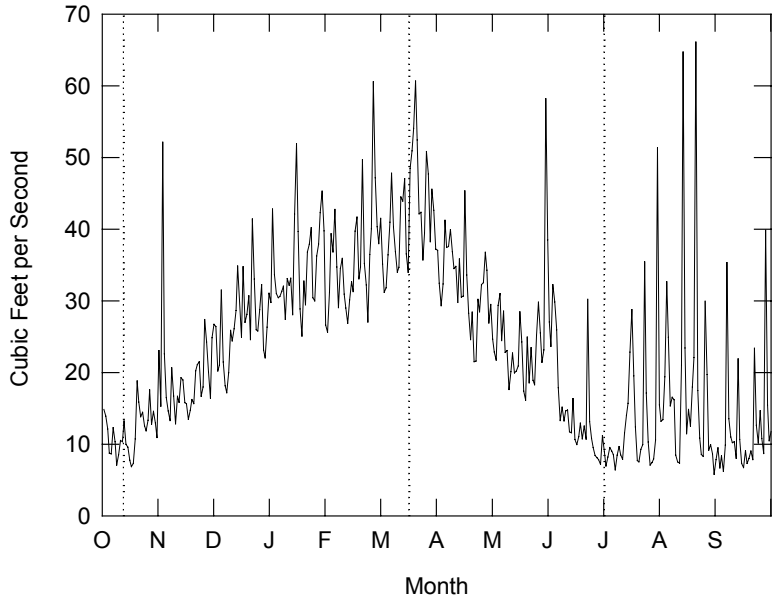
Water Impoundments

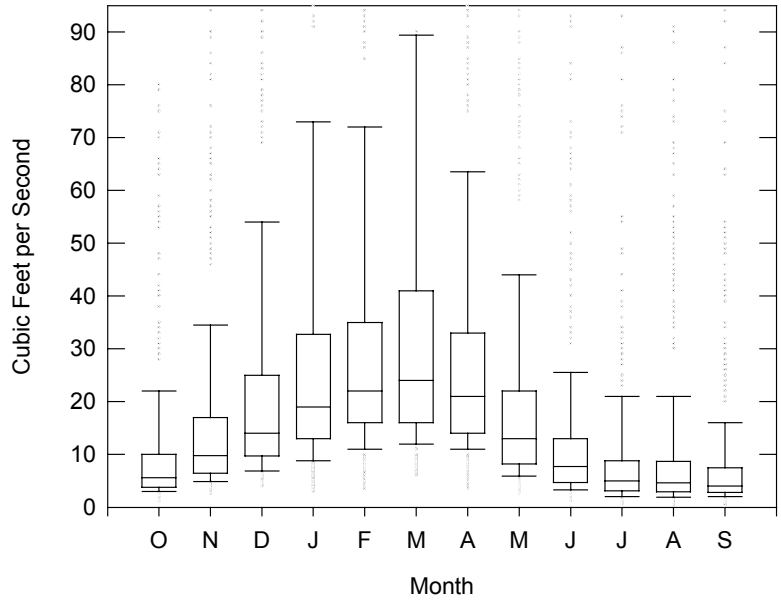
Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed

No water impoundments available for this study area.

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

ASSATEAGUE ISLAND NATIONAL SEASHORE
St. Marys River at Great Mills, MD
01661500, 42 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 Assateague Island National Seashore are: Oct. 10 to Mar. 15, Mar. 16 to Jun. 30, and Jul. 1 to Oct. 9.

CONTACTS FOR AGENCY CODES RETRIEVED FOR ASIS

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
21VASWCB	POLLOCK, VERA	VA DEPT OF ENVIRONMENTAL	(804)527-5224	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
21MDEXP	BOSTATER, CHARLES	MARYLAND DEPT OF NAT RES	(301)269-3767	
11NATDC	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
21MD	BOSTATER, CHARLES	MARYLAND DEPT OF NAT RES	(301)269-3767	
1113VABD	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
11121SWQ	KANETSKY, CHARLES	USEPA REGION 3	(215)597-8176	
11EPAMW	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
112WRD	YORKE, TOM	US GEOLOGICAL SURVEY	(703)648-5687	

QUANTITY OF DATA RETRIEVED FOR ASIS BY AGENCY CODE

WITHIN THE ENTIRE STUDY AREA (S.A.) AND JUST WITHIN THE PARK

Agency	Organization	Period of Record		Water Quality Stations		Longer Term[1] Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	Park Only	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park
21VASWCB	VA DEPT OF ENVIRONMENTAL	08/25/64-11/30/82	05/11/65-11/30/82	95	16	7	0	0	0	36631	3974	10	7
11NPSWRD	NATIONAL PARK SERVICE	06/30/87-10/21/94	06/30/87-09/15/94	18	1	18	1	0	0	10889	709	26	26
21MDEXP	MARYLAND DEPT OF NAT RES	No Data in S.A.	No Data in Park	172	9	0	0	172	9	0	0	0	0
11NATDC	USEPA HQ	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0
21MD	MARYLAND DEPT OF NAT RES	10/08/69-10/02/78	No Data in Park	2	0	2	0	0	0	1469	0	19	0
1113VABD	USEPA REGION 3	No Data in S.A.	No Data in Park	14	8	0	0	14	8	0	0	0	0
11121SWQ	USEPA REGION 3	06/16/71-10/20/71	06/16/71-10/20/71	15	10	0	0	1	1	304	198	19	19
11EPAMW	USEPA HQ	11/06/76-11/06/76	11/06/76-11/06/76	1	1	0	0	0	0	11	11	11	11
112WRD	US GEOLOGICAL SURVEY	04/19/89-04/19/89	No Data in Park	1	0	0	0	0	0	31	0	31	0
Totals		08/25/64-10/21/94	05/11/65-09/15/94	319	45	27	1	188	18	49335	4892	97	59

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

Station Period of Record Tabulation
From 08/25/64 To 10/21/94

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75
ASIS0001	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	128	0	108	20
ASIS0002	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	136	0	108	28
ASIS0003	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	372	0	288	84
ASIS0004	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	376	0	296	80
ASIS0005	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	132	0	108	24
ASIS0006	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	136	0	108	28
ASIS0007	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	124	0	104	20
ASIS0008	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	368	0	284	84
ASIS0009	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	132	0	108	24
ASIS0010	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	132	0	108	24
ASIS0011	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	384	0	300	84
ASIS0012	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	132	0	108	24
ASIS0013	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	196	0	172	24
ASIS0014	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	128	0	104	24
ASIS0015	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	330	0	244	86
ASIS0016	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	236	0	120	116
ASIS0017	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	556	0	336	220
ASIS0018	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	571	0	332	239
ASIS0019	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	438	0	248	190
ASIS0020[1]	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	863	0	510	353
ASIS0021	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	411	0	286	125
ASIS0022	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	340	0	224	116
ASIS0023	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	Yes	454	0	326	128
ASIS0024	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	567	0	332	235
ASIS0025	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	617	0	384	233
ASIS0026	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	303	0	194	109
ASIS0027	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	570	0	336	234
ASIS0028	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	232	0	103	129
ASIS0029	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	588	0	363	225
ASIS0030	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	566	0	332	234
ASIS0031	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	312	0	207	105
ASIS0032	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	567	0	337	230
ASIS0033	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	570	0	332	238
ASIS0034	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	558	0	336	222
ASIS0035	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	13	0	13	0
ASIS0036	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	340	0	174	166
ASIS0037	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	510	0	276	234
ASIS0038[1]	TOM'S COVE	No	360	360	0	0
ASIS0039	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	545	0	329	216
ASIS0040	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	242	0	116	126
ASIS0041[1]	TOM'S COVE	No	364	364	0	0
ASIS0042	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	548	0	328	220
ASIS0043	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	236	0	120	116
ASIS0044[1]	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	615	0	367	248
ASIS0045[1]	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	625	0	364	261
ASIS0046[1]	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	604	0	382	222
ASIS0047[1]	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	617	0	375	242
ASIS0048	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	425	0	214	211
ASIS0049	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	448	0	222	226
ASIS0050	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	387	0	151	236
ASIS0051	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	538	0	332	206
ASIS0052	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	378	0	147	231
ASIS0053	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	9	0	9	0
ASIS0054	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	385	0	147	238
ASIS0055	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	304	0	206	98
ASIS0056	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	469	0	269	200
ASIS0057[1]	CHINCOTEAGUE CHANNEL MARKER #28	No	345	345	0	0
ASIS0058	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	592	0	373	219
ASIS0059	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	533	0	333	200
ASIS0060	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	317	0	206	111
ASIS0061	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	604	0	378	226
ASIS0062	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	244	0	148	96
ASIS0063	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	201	0	113	88
ASIS0064	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	322	0	216	106
ASIS0065	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	430	0	302	128
ASIS0066	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	592	0	371	221
ASIS0067	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	529	0	329	200
ASIS0068	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	538	0	330	208
ASIS0069	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	534	0	334	200
ASIS0070	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	498	0	326	172
ASIS0071	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	312	0	202	110

Station Period of Record Tabulation
From 08/25/64 To 10/21/94

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75
ASIS0072	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	191	0	113	78
ASIS0073	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	538	0	329	209
ASIS0074	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	541	0	333	208
ASIS0075[1]	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	594	0	367	227
ASIS0076	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	167	0	95	72
ASIS0077	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	315	0	209	106
ASIS0078	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	533	0	325	208
ASIS0079	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	440	0	312	128
ASIS0080[1]	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	595	0	378	217
ASIS0081	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	185	0	117	68
ASIS0082	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	288	0	183	105
ASIS0083	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	517	0	338	179
ASIS0084	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	242	0	129	113
ASIS0085	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	237	0	120	117
ASIS0086	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	565	0	331	234
ASIS0087	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	185	0	117	68
ASIS0088	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	202	0	124	78
ASIS0089	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	189	0	121	68
ASIS0090	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	200	0	124	76
ASIS0091	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	196	0	120	76
ASIS0092	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	517	0	334	183
ASIS0093	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	189	0	121	68
ASIS0094	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	531	0	339	192
ASIS0095	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	192	0	116	76
ASIS0096	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	184	0	112	72
ASIS0097	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	450	0	309	141
ASIS0098	CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS	No	639	0	414	225
ASIS0099[1]	WILDCAT POINT	No	341	341	0	0
ASIS0100[1]	SINNICKSON	No	355	355	0	0
ASIS0101[1]	GREENBACKVILLE	No	359	359	0	0
ASIS0102	7MI NORTH OF RAGGED PT,1MI WSW OF TOBY ISLANDS	No	0	0	0	0
ASIS0103	AT FL DAYBEACON 16	No	0	0	0	0
ASIS0104	600 YDS NW OF FL R 4M "16" 5 FT DEPTH	No	0	0	0	0
ASIS0105	1 MILE OFF TOBY ISLAND IN DIRECT LINE WITH ASSAC	No	0	0	0	0
ASIS0106	1.5 MI EAST OF STATE LINE 40 FT DEPTH	No	0	0	0	0
ASIS0107	1.15 MI ENE OF FL R 4M "16" 6 FT DEPTH	No	0	0	0	0
ASIS0108	700 YDS WEST OF PURNELL PT,MIDDLE OF PURNELL BAY	No	0	0	0	0
ASIS0109	115 MI SE OF MILLS IS CHANNEL 1000 YDS EAST OF M	No	0	0	0	0
ASIS0110	700 YDS WEST OF CEDAR ISLANDS 5 FT DPTH	No	0	0	0	0
ASIS0111	.65 MI EAST OF CEDAR ISLANDS 4 FT DEPTH	Yes	0	0	0	0
ASIS0112	2000 FT S OF GEORGE IS LDG AND 600 FT SW OF LIGH	No	0	0	0	0
ASIS0113[1]	CHINCOTEAGUE BAY WEST OF POPE ISLAND	Yes	709	709	0	0
ASIS0114	900 FT S OF GEORGE IS LDG AND 300 FT E OF SHORE	No	0	0	0	0
ASIS0115	2.35 MI SE OF TWIN ISLAND 39 FT DEPTH	No	0	0	0	0
ASIS0116	400 FT E OF GEORGE IS. LDG.	No	0	0	0	0
ASIS0117	1000 FT N OF GEORGE IS LANDING 2 FT DEPTH 300 FT	No	0	0	0	0
ASIS0118	1.45 MI ESE OF FL G 5M "17" 1 FT DEPTH	Yes	0	0	0	0
ASIS0119	06MI EAST OF CHANNEL BTWN MILLS IS. AND ASSACORK	No	0	0	0	0
ASIS0120	2.8 MI EAST OF TWIN ISLAND 37 FT DEPTH	No	0	0	0	0
ASIS0121	08 MILES EAST OF ASSACORKIN ISLAND IN DIRECT LIN	No	0	0	0	0
ASIS0122	.75 MI EAST OF FL G 5M "17" 4 FT DEPTH	No	0	0	0	0
ASIS0123	.7 MI ESE OF ASSACORKIN ISLAND 4 FTDPTH	No	0	0	0	0
ASIS0124	IN MOUTH OF PIKES CREEK	No	0	0	0	0
ASIS0125	MOUTH OF PIKES CRK 0.2 MILES NORTH-WEST OF SHELL	No	0	0	0	0
ASIS0126	AT FL DAYBEACON #1 SOUTH OF TIZZARD ISLAND	No	0	0	0	0
ASIS0127[1]	JOHNSON BAY SE OF TIZZARD ISLAND	No	734	734	0	0
ASIS0128	2.4 MI EAST OF BAY ISLAND 41 FT DEPTH	No	0	0	0	0
ASIS0129	800 YDS E SE OF THE EASTERN MOST TIP OF TIZZARD	No	0	0	0	0
ASIS0130	MIDWAY ACROSS LINE FROM SHELL PT TO WEST TIP OF	No	0	0	0	0
ASIS0131[1]	TAYLOR'S LANDING	No	300	300	0	0
ASIS0132	1200 YDS SE OFF BIG BAY POINT 6 FT DPTH	No	0	0	0	0
ASIS0133	PIER AT END OF TAYLOR LNDG RD	No	0	0	0	0
ASIS0134	1 MI SOUTH OF PIRATE ISLANDS IN GREEN RUN BAY 1	Yes	0	0	0	0
ASIS0135	2.4 MI EAST OF SCOTTS LANDING 32 FT DPTH	No	0	0	0	0
ASIS0136	90 DEGREE INTERSECTION OF LINE FROMBIG BAY PT AN	No	0	0	0	0
ASIS0137	MIDWAY ACROSS LINE FROM MIDDLEMOOR THOROFARE	Yes	0	0	0	0
ASIS0138	2.85 MI ENE OF SCOTTS LANDING 35 FT DPTH	No	0	0	0	0
ASIS0139	900 YDS SE OF SCOTT LANDING 3 FT DEPTH	No	0	0	0	0
ASIS0140	AT FL BUOY 18 1.0 MILE EAST OF MARTIN PT	No	0	0	0	0
ASIS0141	PIER AT END OF SCOTTS LNDG RD	No	0	0	0	0
ASIS0142	PIER AT END OF TRUITTS LNDG RD	No	0	0	0	0

Station Period of Record Tabulation
From 08/25/64 To 10/21/94

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75
ASIS0143	05 MI,ESE OF BLUE POND,1 MILE NE OF MARTIN PT,4F	No	0	0	0	0
ASIS0144	.7 MI NORTH OF FL R 4M "18" 7 FT DEPTH	No	0	0	0	0
ASIS0145[1]	CHINCOTEAGUE BAY WEST OF WINTER QUARTER	No	764	764	0	0
ASIS0146	2.3 MI SE OF SUGAR POINT 42 FT DPTH	No	0	0	0	0
ASIS0147	ENE OF PIRATE ISLAND,EQUIDISTANT FROM PIRATE AND	No	0	0	0	0
ASIS0148	1.2 MI NE OF WHITTINGTON POINT 7 FTDPTH	Yes	0	0	0	0
ASIS0149	2.3 MI EAST OF SUGAR POINT 45 FT DEPTH	No	0	0	0	0
ASIS0150	4.4 MI NE OF FL R 4M "18" 8 FT DPTH	No	0	0	0	0
ASIS0151	FIGGS LNDG LONG PIER OFF 2ND HOUSE FROM END OF R	No	0	0	0	0
ASIS0152	10MILES SOUTH OF BEACON CLUMP,03MILES NORTH OF D	Yes	0	0	0	0
ASIS0153	BAYSIDE RD CROSSING TANHOUSE CK	No	0	0	0	0
ASIS0154	MID-BAY 1.2 MILES SOUTH OF ROBINS MARSH	No	0	0	0	0
ASIS0155	3.1 MI EAST OF SOUTH BEACON ISLAND 38 FT DPTH	No	0	0	0	0
ASIS0156	6 MI NNE OF FL20 ON LINE FROM PUBLIC LNDG BOAT B	No	0	0	0	0
ASIS0157	5MI NNW OF FL20 ON LINE FROM PUBLICLNDG PIER TO	No	0	0	0	0
ASIS0158	1 MI NW OF BEACON CLUMP	No	0	0	0	0
ASIS0159	200FT ABOVE 4 CHICKEN HOUSES AND O.3MI UPSTREAM	No	0	0	0	0
ASIS0160	BAYSIDE RD CROSSING STAGG CK,UPSTREAM SIDE OF RD	No	0	0	0	0
ASIS0161	1.43 MI NE OF FL 6M "2" 7 FT DPTH	No	0	0	0	0
ASIS0162	1.63 MI SSW OF FL 4M "39" 8 FT DPTH	No	0	0	0	0
ASIS0163[1]	CHINCOTEAGUE BAY EAST OF PUBLIC LANDING	No	800	800	0	0
ASIS0164	2.5 MI NE OF WINTER QUARTER 36 FT DEPTH	No	0	0	0	0
ASIS0165	AT SNOW HILL LANDING	No	0	0	0	0
ASIS0166	1900 YDS N NW OF BEACON CLUMPS AND 2150 YDS DUE	No	0	0	0	0
ASIS0167	300 YDS EAST OF MOUTH OF SCARBORO CREEK 5 FT DPT	No	0	0	0	0
ASIS0168	2.5 MI ESE OF TINGLES ISLAND 38 FT DPTH	No	0	0	0	0
ASIS0169	.75 MI SW OF TINGLES ISLAND 1 FT DEPTH	No	0	0	0	0
ASIS0170	1200YDS OFF RICKS PT IN LINE WITH FL39 800YDS N	No	0	0	0	0
ASIS0171	700YDS OFF RICKS PT IN LINE WITH FL39, 1000YDS N	No	0	0	0	0
ASIS0172	13MI ESE OF FL39, 24 MIS EAST OF RICKS PT	No	0	0	0	0
ASIS0173	AT FL BUOY 39 1.2 MILES EAST OF RICKS PT	No	0	0	0	0
ASIS0174	1100 YDS SW OF TINGLES IS 1 FT DEPTH	No	0	0	0	0
ASIS0175	2 MI EAST OF TINGLES ISLAND 33 FT DEPTH	No	0	0	0	0
ASIS0176	2150 YDS DUE EAST OF MOUTH OF ROBINS CREEK 6 FT	No	0	0	0	0
ASIS0177	550 YDS DUE SOUTH OF KELLY PT.	No	0	0	0	0
ASIS0178	FL35 IN CHANNEL 1000YDS WEST SOUTH WEST OF 3 ISL	No	0	0	0	0
ASIS0179	2.3 MI EAST OF LUMBER MARSH ISLAND 46 FT DPTH	No	0	0	0	0
ASIS0180	1500 YDS E NE OF KELLY PT. AND 2100YDS SE OF WIN	No	0	0	0	0
ASIS0181	2MIS EAST OF KELLY PT,32MI SW KNOT PT, 15 MIS OF	No	0	0	0	0
ASIS0182	17 MIS OFF KELLY PT ON LINE WITH R34 18MIS SW SO	No	0	0	0	0
ASIS0183	ASSATEAGUE	No	0	0	0	0
ASIS0184	500 YDS E NE OF WINDMILL PT 4 FT DEPTH	No	0	0	0	0
ASIS0185	2.9 MI SE OF FL 4M "25" 43 FT DPTH	No	0	0	0	0
ASIS0186	.9 MI EAST OF "29" 1 FT DPTH	Yes	0	0	0	0
ASIS0187	400 YDS SW OF SOUTH PT. AND 1050 YDS SE OF ISLAN	No	0	0	0	0
ASIS0188	100 YDS EAST OF "29"	No	0	0	0	0
ASIS0189	1250 YDS W SW OF ISLAND PT. 5 FT DEPTH	No	0	0	0	0
ASIS0190	AT BUOY R28 MID-CHANNEL	No	0	0	0	0
ASIS0191[1]	SINEPUXENT BAY NORTH OF SOUTH POINT	No	764	764	0	0
ASIS0192	UNNAMED RD CROSSING SCHOOLHOUSE BR RD IS 2.7MI D	No	0	0	0	0
ASIS0193	200 YDS SW OF LOG PT. 4 FT DEPTH	No	0	0	0	0
ASIS0194	2.85 MI ESE OF FL 4M "25" 46 FT DEPTH	No	0	0	0	0
ASIS0195	60% OF DISTANCE FROM LOG PT TO ISLAND PT	No	0	0	0	0
ASIS0196	E OF DAY BEACON 27 HALFWAY BETWEEN GREEN PT AND	No	0	0	0	0
ASIS0197	MIDCHANNEL SSE OF KNOT PT BWT 2ND HOUSE ON IS PT	No	0	0	0	0
ASIS0198	MID-BAY 1.0 MILES EAST OF OUT PT	No	0	0	0	0
ASIS0199	AT FL 4M "25"	No	0	0	0	0
ASIS0200	700 YDS DUE N OF OUT PT. 5 FT DEPTH	No	0	0	0	0
ASIS0201	2.85 MI EAST OF B DAYBEACON "23" 42FT DPTH	No	0	0	0	0
ASIS0202	0.2 MILES FROM MOUTH OF MARSHALL CREEK	No	0	0	0	0
ASIS0203	UNIMPROVED ROAD OFF LANGMAID RD,PRIVATE PIER ON	No	0	0	0	0
ASIS0204	0.3 MILE FROM WEST SHORE	No	0	0	0	0
ASIS0205	0.3 MILES OFF KNOT POINT	No	0	0	0	0
ASIS0206	250 YDS WEST OF "21" 5 FT DPTH	No	0	0	0	0
ASIS0207[1]	NEWPORT BAY WEST OF NEWPORT NECK	No	1062	1062	0	0
ASIS0208	MIDSTREAM .65 M NW OF KNOT PT. .83 M ESE OF NEWP	No	0	0	0	0
ASIS0209	2.5 MI EAST OF FL 4M "19" 41 FT DEPTH	No	0	0	0	0
ASIS0210[1]	MID-CHANNEL AT BRIDGE CROSSING FROM SANDY PT.-AS	No	878	0	707	171
ASIS0211[1]	SINEPUXENT BAY ASSATEAGUE ISLAND BRIDGE	No	1061	1061	0	0
ASIS0212	MID CHANNEL 1MILE ABOVE AND DIRECTLY IN LINE WIT	No	0	0	0	0
ASIS0213	300 YDS NE OF FL 4M "19" 3 FT DPTH	No	0	0	0	0

Station Period of Record Tabulation
From 08/25/64 To 10/21/94

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75
ASIS0214	MOUTH OF GREYS INLET	No	0	0	0	0
ASIS0215	MOUTH OF TRAPPE CREEK	No	0	0	0	0
ASIS0216[1]	CHINCOTEAGUE BAY - TRAPPE CREEK	No	305	305	0	0
ASIS0217	.43 MI FROM MOUTH OF CRK ON EASTERNSIDE OF ISLAN	No	0	0	0	0
ASIS0218	2.15 MI SW OF RB CAN 41 FT DPTH	No	0	0	0	0
ASIS0219	.16 MI FROM MOUTH ON WESTERN SIDE OF ISLAND	No	0	0	0	0
ASIS0220	100FEET DOWNSTREAM OF TIP OF ISLAND NORTH ENTRAN	No	0	0	0	0
ASIS0221	500 YDS NNW OF R "16" 2 FT DPTH	No	0	0	0	0
ASIS0222	300 YDS SOUTH OF FL 4M "15" 4 FT DEPTH	No	0	0	0	0
ASIS0223	.2 M DOWNSTREAM OF CONFLUENCE W/WRIGHTS POND. AT	No	0	0	0	0
ASIS0224	END OF HAYES LANDING ROAD	No	0	0	0	0
ASIS0225	E SHORE FACING OCEAN	Yes	0	0	0	0
ASIS0226	AT SE TIP OF AYER ISLAND	No	0	0	0	0
ASIS0227	1.3 MI SW OF RB CAN 36 FT DPTH	No	0	0	0	0
ASIS0228	W SHORE IN MUDFLAT AREA	Yes	14	0	0	14
ASIS0229	IPTIONS NOT FURNISHED.	Yes	0	0	0	0
ASIS0230	600 YDS SE OF R "14" 3 FT DPTH	No	0	0	0	0
ASIS0231	IPTIONS NOT FURNISHED.	Yes	0	0	0	0
ASIS0232	MUDFLATS OF BAY	Yes	14	0	0	14
ASIS0233	E OF DAY BEACON 14 MIDWAY BETWEEN GREY PT AND OP	Yes	0	0	0	0
ASIS0234	.2 M DOWNSTREAM OF CONFLUENCE W/AYER CREEK S OF	No	0	0	0	0
ASIS0235	IPTIONS NOT FURNISHED.	Yes	0	0	0	0
ASIS0236	.4 M DOWNSTREAM OF HERRING GUT MIDSTREAM OFF SMA	No	0	0	0	0
ASIS0237	E SHORE FACING ISLAND	Yes	26	0	0	26
ASIS0238	IPTIONS NOT FURNISHED.	Yes	0	0	0	0
ASIS0239	AT LANDING ON SECOND MAJOR BEND IN STREAM .75 M	No	0	0	0	0
ASIS0240	.72 MI WNW OF RB C 39 FT DPTH	No	0	0	0	0
ASIS0241	W SHORE IN MARSH AREA	Yes	14	0	0	14
ASIS0242	IPTION IMPOSSIBLE	Yes	0	0	0	0
ASIS0243	FL13 HALFWAY BETWEEN COFFIN PT AND FASSETT POINT	No	0	0	0	0
ASIS0244	MUD FLAT OFF W SHORE OF ISLAND	Yes	26	0	0	26
ASIS0245	AT BUOY R12 MID-CHANNEL	No	0	0	0	0
ASIS0246	MOUTH OF SOUTH CANAL	No	0	0	0	0
ASIS0247	MOUTH OF NORTH CANAL	No	0	0	0	0
ASIS0248	MIDWAY IN SOUTH CANAL	No	0	0	0	0
ASIS0249[1]	SINEPUXENT BAY OUTLET OF SNUG HARBOR	No	999	999	0	0
ASIS0250	MIDWAY IN NORTH CANAL	No	0	0	0	0
ASIS0251	MD 376 CROSSING	No	0	0	0	0
ASIS0252	MOUTH OF BAT CREEK	No	0	0	0	0
ASIS0253	HEAD OF SOUTH CANAL	No	0	0	0	0
ASIS0254	0.1 MILES UPSTREAM FROM MOUTH OF BAT CRK	No	0	0	0	0
ASIS0255	AT HEAD OF NORTH CANAL	No	0	0	0	0
ASIS0256	NEAR FL 5M "11"	No	0	0	0	0
ASIS0257	0.2 MILES UPSTREAM FROM MOUTH OF BAT CREEK	No	0	0	0	0
ASIS0258	500 YDS SE OF R "10"	Yes	0	0	0	0
ASIS0259	IPTION IMPOSSIBLE	Yes	0	0	0	0
ASIS0260	IONS IMPOSSIBLE	Yes	0	0	0	0
ASIS0261	300 YDS SE OF FL R 4M "8"	No	0	0	0	0
ASIS0262	E SHORE IN TIDAL FLAT	Yes	26	0	0	26
ASIS0263	IPTIONS IMPOSSIBLE	No	0	0	0	0
ASIS0264	1.5 MI SSW OF FL R BELL "2" 38 FT DEPTH	No	0	0	0	0
ASIS0265	WEST SHORE OF ISLAND FACING BAY	Yes	26	0	0	26
ASIS0266	IN CHANNEL OFF COFFINS PT, FL8	No	0	0	0	0
ASIS0267	NE OF COFFINS PT AT MARKER 8	No	14	0	0	14
ASIS0268	LAT 38DEG 18MIN 33SEC LONG 075DEG 04MIN 26SEC AP	No	0	0	0	0
ASIS0269	E SHORE IN TIDAL FLAT	Yes	26	0	0	26
ASIS0270	IPTION IMPOSSIBLE.	Yes	0	0	0	0
ASIS0271	.75 MI SOUTH OF FL R BELL "2" 38 FTDPTH	No	0	0	0	0
ASIS0272	AT R "6"	No	0	0	0	0
ASIS0273	LAT 38DEG 18MIN 44SEC LONG 075DEG 03MIN 58SEC AP	No	0	0	0	0
ASIS0274	W SHORE FACING SAND PILE	No	26	0	0	26
ASIS0275	IPTION IMPOSSIBLE.	No	0	0	0	0
ASIS0276	MIDWAY OF BOUYS 2 AND 3	No	14	0	0	14
ASIS0277	IPTION IMPOSSIBLE.	No	0	0	0	0
ASIS0278[1]	SINEPUXENT BAY OUTLET OF FISH HARBOR	No	967	967	0	0
ASIS0279	LAT. 38DEG 19MIN 13SEC LONG. 075DEG 03MIN 32SEC	No	0	0	0	0
ASIS0280	LAT.38DEG 19MIN 13SEC LONG 075DEG 04MIN 07SEC AP	No	0	0	0	0
ASIS0281	AT C "3" 8 FT DPTH	No	0	0	0	0
ASIS0282	.6 MI EAST OF FL R BELL "2" 42 FT DEPTH	No	0	0	0	0
ASIS0283	EAST SHORE OF ISLAND AT SEAWALL	Yes	26	0	0	26
ASIS0284	ASSATEAGUE MARYLAND	Yes	11	0	11	0

Station Period of Record Tabulation
From 08/25/64 To 10/21/94

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75
ASIS0285	EAST SIDE OF N2, 500YDS BELOW COMMERCIAL HARBOR	No	0	0	0	0
ASIS0286	IPTION IMPOSSIBLE	No	0	0	0	0
ASIS0287	IPTION IMPOSSIBLE	No	0	0	0	0
ASIS0288	WEST SHORE OF ISLAND FACING BAY	No	26	0	0	26
ASIS0289	IPTIONS NOT POSSIBLE	No	0	0	0	0
ASIS0290	BOAT CHANNEL BOUY 1	No	26	0	0	26
ASIS0291[1]	WEST OCEAN CITY INLET	No	300	300	0	0
ASIS0292	150 YDS NNW OF FL R "2A" 8 FT DPTH	No	0	0	0	0
ASIS0293[1]	ROUTE 50 BRIDGE	No	591	0	386	205
ASIS0294	100YDS NORTH OF RTE 50 BRIDGE MID-CHANNEL	No	0	0	0	0
ASIS0295	LAT 38DEG 20MIN 12SEC LONG 075 DEG 03MIN 48SEC A	No	0	0	0	0
ASIS0296	LAT 38 DEG 20MIN 17SEC,LONG 075DEG 04MIN 26SEC,2	No	0	0	0	0
ASIS0297	RTE 50 CROSSING HERRING CK DOWNSTREAM SIDE OF BR	No	0	0	0	0
ASIS0298	600 YDS WEST OF FL R 3M "2" 3 FT DEPTH 3 FT DPTH	No	0	0	0	0
ASIS0299	DAY BEACON 3 WEST OF TANK NEAR MALLARD ISLAND	No	0	0	0	0
ASIS0300	DAY BEACON 3 WEST OF TANK NEAR MALLARD ISLAND	No	0	0	0	0
ASIS0301	600 YDS SSW OF R"4" 10 FT DPTH	No	0	0	0	0
ASIS0302	AT INTERSECT OF RIGHT ANGLE IN SOUTH CANAL	No	0	0	0	0
ASIS0303	MOUTH OF SOUTH CANAL	No	0	0	0	0
ASIS0304	END OF SOUTHERN CANAL	No	0	0	0	0
ASIS0305	AT INTERSECT OF RIGHT ANGLE IN CANAL	No	0	0	0	0
ASIS0306	END OF CANAL	No	0	0	0	0
ASIS0307	END OF THIRD CANAL BRANCHING FROM NORTH CANAL 0.	No	0	0	0	0
ASIS0308	END OF NORTH CANAL	No	0	0	0	0
ASIS0309	MAIN CHANNEL BUOY R6 OFF COLLIER IS	No	0	0	0	0
ASIS0310	MOUTH OF NORTH CANAL	No	0	0	0	0
ASIS0311	AT INTERSECT OF RIGHT ANGLE IN NORTH CANAL	No	0	0	0	0
ASIS0312	1000YDS ESE OF THE DITCH,1500YDS SEOF KEYSER PT	No	0	0	0	0
ASIS0313	TURVILLE CRK 0.6 MILES FROM MOUTH	No	0	0	0	0
ASIS0314	800 YDS SW OF FL 4M "7" 4 FT DPTH	No	0	0	0	0
ASIS0315	0.5 MILES NORTH OF COLLIERS ISLAND	No	0	0	0	0
ASIS0316	0.6 MILES EAST OF KEYSER POINT	No	0	0	0	0
ASIS0317	ATLANTIC OC AT 44TH ST., OCEAN CITY, MD	No	31	31	0	0
ASIS0318	900 YDS EAST OF R "8" 4 FT DPTH	No	0	0	0	0
ASIS0319	100YDS NORTH OF FL8,EAST OF ISLE OFWIGHT TAKE AT	No	0	0	0	0

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

Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Parameter Code	Name	Total Obs	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	976	699	177	100	31	2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	293	293	0	0	10	1
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	1	1	0	0	1	0
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	1	1	0	0	1	0
00035	WIND VELOCITY (MILES PER HOUR)	292	292	0	0	9	1
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	268	268	0	0	9	1
00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	8883	0	5490	3393	95	16
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	108	0	79	29	2	0
00078	TRANSPARENCY, SECCHI DISC (METERS)	232	220	12	0	10	1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	605	605	0	0	18	1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	4	1	3	0	2	0
00300	OXYGEN, DISSOLVED MG/L	816	699	89	28	20	1
00340	COD, .25N K2CR2O7 MG/L	26	0	10	16	2	0
00400	PH (STANDARD UNITS)	48	1	39	8	3	0
00403	PH, LAB, STANDARD UNITS SU	106	1	83	22	3	0
00406	PH, FIELD, STANDARD UNITS SU	691	691	0	0	18	1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1	1	0	0	1	0
00480	SALINITY - PARTS PER THOUSAND	1153	689	286	178	56	2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	674	595	58	21	20	1
00600	NITROGEN, TOTAL (MG/L AS N)	555	555	0	0	18	1
00602	NITROGEN, DISSOLVED (MG/L AS N)	207	207	0	0	9	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	563	563	0	0	18	1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	104	0	76	28	2	0
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	42	42	0	0	9	1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	104	0	76	28	2	0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	103	0	76	27	2	0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	102	0	76	26	2	0
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	570	570	0	0	19	1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	666	555	84	27	20	1
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	208	208	0	0	9	1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	579	579	0	0	19	1
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	98	0	78	20	2	0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	1	0	0	1	0
00916	CALCIUM, TOTAL (MG/L AS CA)	14	0	0	14	14	9
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	1	0	0	1	0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	14	0	0	14	14	9
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	1	0	0	1	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	1	0	0	1	0
00940	CHLORIDE,TOTAL IN WATER MG/L	1	1	0	0	1	0
00945	SULFATE, TOTAL (MG/L AS SO4)	1	1	0	0	1	0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	1	1	0	0	1	0
00955	SILICA, DISSOLVED (MG/L AS SI02)	369	369	0	0	19	1
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	1	0	0	1	0
01027	CADMIUM, TOTAL (UG/L AS CD)	14	0	0	14	14	9
01034	CHROMIUM, TOTAL (UG/L AS CR)	14	0	0	14	14	9
01042	COPPER, TOTAL (UG/L AS CU)	14	0	0	14	14	9
01046	IRON, DISSOLVED (UG/L AS FE)	1	1	0	0	1	0
01051	LEAD, TOTAL (UG/L AS PB)	14	0	0	14	14	9
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	1	0	0	1	0
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	1	1	0	0	1	0
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	1	0	0	1	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	1	0	0	1	0
01092	ZINC, TOTAL (UG/L AS ZN)	14	0	0	14	14	9
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	1	0	0	1	0
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	1	0	0	1	0
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	58	0	37	21	2	0
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	7292	227	3579	3486	105	17
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	1948	0	1945	3	95	16
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	614	0	614	0	30	0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	95	0	51	44	16	0
32230	CHLOROPHYLL A (MG/L)	534	534	0	0	18	1
32231	CHLOROPHYLL B (MG/L)	286	286	0	0	18	1
32232	CHLOROPHYLL C (MG/L)	316	316	0	0	18	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	23	0	0	23	14	9
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	9	0	0	9	9	6
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	23	0	0	23	14	9
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	23	0	0	23	14	9
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	23	0	0	23	14	9
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	23	0	0	23	14	9
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	23	0	0	23	14	9
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	9	0	0	9	9	6

Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Parameter Code	Name	Total Obs	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	9	0	0	9	9	6
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	23	0	0	23	14	9
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	9	0	0	9	9	6
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	9	0	0	9	9	6
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	2	1	1	0	2	0
71820	DENSITY (GM/ML AT 20 C)	1	1	0	0	1	0
71865	IODIDE (MG/L AS I)	1	1	0	0	1	0
71870	BROMIDE (MG/L AS BR)	1	1	0	0	1	0
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	1	0	1	0	1	1
81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	1
81628	NICKEL IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	1
81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	1
81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	1
81635	SILVER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	1
81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	1
81637	SHELLFISH SPECIES NUMERIC CODE	1	0	1	0	1	1
82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	295	295	0	0	9	1
82552	DEPTH TO BOTTOM OF SCREENED INTERVAL FROM M.P. FT	1	0	1	0	1	0
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	9081	295	5394	3392	104	17
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	8789	0	5397	3392	95	16
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	241	241	0	0	9	1
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	1	1	0	0	1	0
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	1	1	0	0	1	0
84007	ANATOMY ALPHA CODE	1	0	1	0	1	1
84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	1	0	1	0	1	1
84009	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	1	0	1	0	1	1

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0015	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/70-08/17/70	0	1	
ASIS0020	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	16	145	
ASIS0022	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/68-08/18/69	1	2	
ASIS0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/29/80-02/29/80	0	1	
ASIS0028	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/68-05/13/69	1	4	
ASIS0038	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/91-10/19/94	3	26	
ASIS0041	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/91-10/19/94	3	26	
ASIS0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/70-07/20/71	1	2	
ASIS0045	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/68-04/08/68	0	2	
ASIS0051	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/69-10/20/69	0	1	
ASIS0057	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/91-10/19/94	3	25	
ASIS0072	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/23/71-02/23/71	0	1	
ASIS0073	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/71-09/01/71	0	1	
ASIS0088	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/70-08/24/70	0	1	
ASIS0099	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/91-10/19/94	3	26	
ASIS0100	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/91-10/19/94	3	26	
ASIS0101	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/91-10/19/94	3	26	
ASIS0113	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-09/15/94	7	40	
ASIS0127	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	7	42	
ASIS0131	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/91-10/21/94	3	22	
ASIS0145	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	7	45	
ASIS0163	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	7	47	
ASIS0191	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	7	46	
ASIS0207	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	7	67	
ASIS0210	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-10/02/78	5	72	
ASIS0211	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	7	67	
ASIS0216	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/91-10/21/94	3	23	
ASIS0249	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	7	62	
ASIS0278	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	7	60	
ASIS0291	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/91-10/21/94	3	23	
ASIS0293	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/08/69-10/02/78	8	44	
ASIS0113	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	3	23	
ASIS0127	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	3	23	
ASIS0145	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	3	22	
ASIS0163	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	3	24	
ASIS0191	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	3	27	
ASIS0207	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	3	44	
ASIS0211	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	3	44	
ASIS0249	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	3	44	
ASIS0278	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	3	41	
ASIS0317	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/19/89-04/19/89	0	1	
ASIS0113	Yes	00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	3	23	
ASIS0127	No	00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	3	23	
ASIS0145	No	00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	3	22	
ASIS0163	No	00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	3	24	
ASIS0191	No	00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	3	27	
ASIS0207	No	00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	3	44	
ASIS0211	No	00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	3	44	
ASIS0249	No	00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	3	44	
ASIS0278	No	00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	3	41	
ASIS0210	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/18/73-10/02/78	5	65	
ASIS0293	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/08/69-10/02/78	8	43	
ASIS0113	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	3	20	
ASIS0127	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	3	22	
ASIS0145	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/16/87-10/22/90	3	21	
ASIS0163	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	3	22	
ASIS0191	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	3	22	
ASIS0207	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	3	28	
ASIS0210	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/75-09/01/76	1	12	
ASIS0211	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	3	28	
ASIS0249	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	3	29	
ASIS0278	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	3	28	
ASIS0038	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-10/19/94	3	18	
ASIS0041	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-10/19/94	3	18	
ASIS0057	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-10/19/94	3	17	
ASIS0099	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-10/19/94	3	18	
ASIS0100	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-10/19/94	3	18	
ASIS0101	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-10/19/94	3	18	
ASIS0113	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-09/15/94	7	36	
ASIS0127	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	7	38	
ASIS0131	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/91-10/21/94	3	19	
ASIS0145	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	06/30/87-10/21/94	7	41	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0163	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	7	43	
ASIS0191	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	7	42	
ASIS0207	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	7	63	
ASIS0211	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	7	63	
ASIS0216	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/91-10/21/94	3	20	
ASIS0249	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	7	58	
ASIS0278	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	7	56	
ASIS0291	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/91-10/21/94	3	19	
ASIS0210	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/76-09/01/76	0	3	
ASIS0317	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/19/89-04/19/89	0	1	
ASIS0038	No	00300	OXYGEN, DISSOLVED MG/L	05/01/91-10/19/94	3	26	
ASIS0041	No	00300	OXYGEN, DISSOLVED MG/L	05/01/91-10/19/94	3	26	
ASIS0057	No	00300	OXYGEN, DISSOLVED MG/L	05/01/91-10/19/94	3	25	
ASIS0099	No	00300	OXYGEN, DISSOLVED MG/L	05/01/91-10/19/94	3	26	
ASIS0100	No	00300	OXYGEN, DISSOLVED MG/L	05/01/91-10/19/94	3	26	
ASIS0101	No	00300	OXYGEN, DISSOLVED MG/L	05/01/91-10/19/94	3	26	
ASIS0113	Yes	00300	OXYGEN, DISSOLVED MG/L	06/30/87-09/15/94	7	40	
ASIS0127	No	00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	7	42	
ASIS0131	No	00300	OXYGEN, DISSOLVED MG/L	04/29/91-10/21/94	3	22	
ASIS0145	No	00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	7	45	
ASIS0163	No	00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	7	47	
ASIS0191	No	00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	7	46	
ASIS0207	No	00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	7	67	
ASIS0210	No	00300	OXYGEN, DISSOLVED MG/L	09/18/73-10/02/78	5	72	
ASIS0211	No	00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	7	67	
ASIS0216	No	00300	OXYGEN, DISSOLVED MG/L	04/29/91-10/21/94	3	23	
ASIS0249	No	00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	7	62	
ASIS0278	No	00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	7	60	
ASIS0291	No	00300	OXYGEN, DISSOLVED MG/L	04/29/91-10/21/94	3	23	
ASIS0293	No	00300	OXYGEN, DISSOLVED MG/L	10/08/69-10/02/78	8	45	
ASIS0210	No	00340	COD, .25N K2CR2O7 MG/L	03/26/74-06/09/75	1	13	
ASIS0293	No	00340	COD, .25N K2CR2O7 MG/L	03/26/74-06/09/75	1	13	
ASIS0210	No	00400	PH (STANDARD UNITS)	09/18/73-10/02/78	5	23	
ASIS0293	No	00400	PH (STANDARD UNITS)	10/08/69-10/02/78	8	24	
ASIS0317	No	00400	PH (STANDARD UNITS)	04/19/89-04/19/89	0	1	
ASIS0210	No	00403	PH, LAB, STANDARD UNITS SU	03/26/74-10/02/78	4	64	
ASIS0293	No	00403	PH, LAB, STANDARD UNITS SU	03/26/74-10/02/78	4	41	
ASIS0317	No	00403	PH, LAB, STANDARD UNITS SU	04/19/89-04/19/89	0	1	
ASIS0038	No	00406	PH, FIELD, STANDARD UNITS SU	05/01/91-10/19/94	3	26	
ASIS0041	No	00406	PH, FIELD, STANDARD UNITS SU	05/01/91-10/19/94	3	26	
ASIS0057	No	00406	PH, FIELD, STANDARD UNITS SU	05/01/91-10/19/94	3	24	
ASIS0099	No	00406	PH, FIELD, STANDARD UNITS SU	05/01/91-10/19/94	3	25	
ASIS0100	No	00406	PH, FIELD, STANDARD UNITS SU	05/01/91-10/19/94	3	26	
ASIS0101	No	00406	PH, FIELD, STANDARD UNITS SU	05/01/91-10/19/94	3	25	
ASIS0113	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/30/87-09/15/94	7	40	
ASIS0127	No	00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	7	42	
ASIS0131	No	00406	PH, FIELD, STANDARD UNITS SU	04/29/91-10/21/94	3	21	
ASIS0145	No	00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	7	44	
ASIS0163	No	00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	7	47	
ASIS0191	No	00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	7	46	
ASIS0207	No	00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	7	65	
ASIS0211	No	00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	7	67	
ASIS0216	No	00406	PH, FIELD, STANDARD UNITS SU	04/29/91-10/21/94	3	23	
ASIS0249	No	00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	7	62	
ASIS0278	No	00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	7	60	
ASIS0291	No	00406	PH, FIELD, STANDARD UNITS SU	04/29/91-10/21/94	3	22	
ASIS0317	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/19/89-04/19/89	0	1	
ASIS0015	Yes	00480	SALINITY - PARTS PER THOUSAND	08/17/70-08/17/70	0	1	
ASIS0018	No	00480	SALINITY - PARTS PER THOUSAND	10/20/69-09/01/71	1	5	
ASIS0020	No	00480	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	16	145	T,A,S
ASIS0022	No	00480	SALINITY - PARTS PER THOUSAND	08/13/68-08/18/69	1	2	
ASIS0025	No	00480	SALINITY - PARTS PER THOUSAND	02/29/80-02/29/80	0	1	
ASIS0028	No	00480	SALINITY - PARTS PER THOUSAND	03/11/68-05/13/69	1	3	
ASIS0038	No	00480	SALINITY - PARTS PER THOUSAND	05/01/91-10/19/94	3	26	
ASIS0041	No	00480	SALINITY - PARTS PER THOUSAND	05/01/91-10/19/94	3	26	
ASIS0043	No	00480	SALINITY - PARTS PER THOUSAND	03/24/70-07/20/71	1	2	
ASIS0045	No	00480	SALINITY - PARTS PER THOUSAND	03/25/68-04/08/68	0	2	
ASIS0046	No	00480	SALINITY - PARTS PER THOUSAND	04/05/72-04/05/72	0	1	
ASIS0050	No	00480	SALINITY - PARTS PER THOUSAND	08/13/68-08/13/68	0	1	
ASIS0051	No	00480	SALINITY - PARTS PER THOUSAND	10/20/69-10/20/69	0	1	
ASIS0054	No	00480	SALINITY - PARTS PER THOUSAND	03/11/68-04/08/68	0	3	
ASIS0056	No	00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0057	No	00480	SALINITY - PARTS PER THOUSAND	05/01/91-10/19/94	3	25	
ASIS0059	No	00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	0	1	
ASIS0063	No	00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	0	1	
ASIS0067	No	00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	0	1	
ASIS0068	No	00480	SALINITY - PARTS PER THOUSAND	08/11/75-06/22/76	0	2	
ASIS0069	No	00480	SALINITY - PARTS PER THOUSAND	08/11/75-06/22/76	0	2	
ASIS0070	No	00480	SALINITY - PARTS PER THOUSAND	08/11/75-09/06/77	2	3	
ASIS0072	No	00480	SALINITY - PARTS PER THOUSAND	02/23/71-06/22/76	5	2	
ASIS0073	No	00480	SALINITY - PARTS PER THOUSAND	08/18/69-06/22/76	6	6	
ASIS0074	No	00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	0	1	
ASIS0075	No	00480	SALINITY - PARTS PER THOUSAND	07/08/68-07/08/68	0	1	
ASIS0078	No	00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	0	1	
ASIS0080	No	00480	SALINITY - PARTS PER THOUSAND	02/29/80-02/29/80	0	1	
ASIS0081	No	00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	0	1	
ASIS0083	No	00480	SALINITY - PARTS PER THOUSAND	05/06/74-09/06/77	3	6	
ASIS0085	No	00480	SALINITY - PARTS PER THOUSAND	04/04/66-04/04/66	0	1	
ASIS0086	No	00480	SALINITY - PARTS PER THOUSAND	01/03/66-12/08/71	5	10	
ASIS0087	No	00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	0	1	
ASIS0088	No	00480	SALINITY - PARTS PER THOUSAND	08/24/70-08/24/70	0	1	
ASIS0089	No	00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	0	1	
ASIS0092	No	00480	SALINITY - PARTS PER THOUSAND	05/06/74-09/06/77	3	6	
ASIS0093	No	00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	0	1	
ASIS0097	No	00480	SALINITY - PARTS PER THOUSAND	05/04/71-05/04/71	0	1	
ASIS0098	No	00480	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	12	128	A,S
ASIS0099	No	00480	SALINITY - PARTS PER THOUSAND	05/01/91-10/19/94	3	26	
ASIS0100	No	00480	SALINITY - PARTS PER THOUSAND	05/01/91-10/19/94	3	26	
ASIS0101	No	00480	SALINITY - PARTS PER THOUSAND	05/01/91-10/19/94	3	26	
ASIS0113	Yes	00480	SALINITY - PARTS PER THOUSAND	06/30/87-09/15/94	7	39	
ASIS0127	No	00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	7	41	
ASIS0131	No	00480	SALINITY - PARTS PER THOUSAND	04/29/91-10/21/94	3	22	
ASIS0145	No	00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	7	44	
ASIS0163	No	00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	7	46	
ASIS0191	No	00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	7	45	
ASIS0207	No	00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	7	65	
ASIS0210	No	00480	SALINITY - PARTS PER THOUSAND	09/18/73-10/02/78	5	72	
ASIS0211	No	00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	7	66	
ASIS0216	No	00480	SALINITY - PARTS PER THOUSAND	04/29/91-10/21/94	3	23	
ASIS0249	No	00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	7	61	
ASIS0278	No	00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	7	59	
ASIS0291	No	00480	SALINITY - PARTS PER THOUSAND	04/29/91-10/21/94	3	23	
ASIS0293	No	00480	SALINITY - PARTS PER THOUSAND	10/08/69-10/02/78	8	45	
ASIS0038	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/91-09/16/94	3	25	
ASIS0041	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/91-09/16/94	3	25	
ASIS0057	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/91-09/16/94	3	24	
ASIS0099	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/91-09/16/94	3	25	
ASIS0100	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/91-09/16/94	3	25	
ASIS0101	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/91-09/16/94	3	25	
ASIS0113	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	7	38	
ASIS0127	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	7	38	
ASIS0131	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/91-09/15/94	3	20	
ASIS0145	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	7	41	
ASIS0163	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	7	42	
ASIS0191	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/22/87-09/15/94	7	37	
ASIS0207	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	7	50	
ASIS0210	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/26/74-10/02/78	4	38	
ASIS0211	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	7	50	
ASIS0216	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/91-09/15/94	3	20	
ASIS0249	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	7	45	
ASIS0278	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	7	46	
ASIS0291	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/30/91-09/15/94	3	19	
ASIS0293	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-10/02/78	8	41	
ASIS0038	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/01/91-09/16/94	3	24	
ASIS0041	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/01/91-09/16/94	3	24	
ASIS0057	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/01/91-09/16/94	3	24	
ASIS0099	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/01/91-07/14/94	3	23	
ASIS0100	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/01/91-09/16/94	3	25	
ASIS0101	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/01/91-09/16/94	3	25	
ASIS0113	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	7	36	
ASIS0127	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	7	37	
ASIS0131	No	00600	NITROGEN, TOTAL (MG/L AS N)	04/29/91-09/15/94	3	19	
ASIS0145	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	7	39	
ASIS0163	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	7	41	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0191	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	7	36	
ASIS0207	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	7	44	
ASIS0211	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-08/10/94	7	43	
ASIS0216	No	00600	NITROGEN, TOTAL (MG/L AS N)	04/29/91-08/10/94	3	19	
ASIS0249	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	7	39	
ASIS0278	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-08/10/94	7	38	
ASIS0291	No	00600	NITROGEN, TOTAL (MG/L AS N)	04/29/91-08/10/94	3	19	
ASIS0113	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	3	21	
ASIS0127	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	3	22	
ASIS0145	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	3	21	
ASIS0163	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	3	22	
ASIS0191	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	3	21	
ASIS0207	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	3	26	
ASIS0211	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	3	25	
ASIS0249	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	3	24	
ASIS0278	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	3	25	
ASIS0038	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/91-09/16/94	3	25	
ASIS0041	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/91-09/16/94	3	24	
ASIS0057	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/91-09/16/94	3	24	
ASIS0099	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/91-09/16/94	3	25	
ASIS0100	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/91-09/16/94	3	25	
ASIS0101	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/91-09/16/94	3	25	
ASIS0113	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	7	34	
ASIS0127	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	7	37	
ASIS0131	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/29/91-09/15/94	3	20	
ASIS0145	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	7	39	
ASIS0163	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	7	41	
ASIS0191	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	7	36	
ASIS0207	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	7	44	
ASIS0211	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	7	44	
ASIS0216	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/29/91-09/15/94	3	19	
ASIS0249	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	7	41	
ASIS0278	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	7	40	
ASIS0291	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/29/91-09/15/94	3	20	
ASIS0210	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/73-10/02/78	5	63	
ASIS0293	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/70-10/02/78	8	41	
ASIS0113	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	0	4	
ASIS0127	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	0	5	
ASIS0145	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	0	4	
ASIS0163	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	0	5	
ASIS0191	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	0	4	
ASIS0207	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	0	5	
ASIS0211	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	0	5	
ASIS0249	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	0	5	
ASIS0278	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	0	5	
ASIS0210	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	5	63	
ASIS0293	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/14/70-10/02/78	8	41	
ASIS0210	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	5	63	
ASIS0293	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/14/70-10/02/78	8	40	
ASIS0210	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/73-10/02/78	5	63	
ASIS0293	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/73-10/02/78	5	39	
ASIS0038	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/91-09/16/94	3	25	
ASIS0041	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/91-09/16/94	3	25	
ASIS0057	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/91-09/16/94	3	24	
ASIS0099	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/91-09/16/94	3	25	
ASIS0100	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/91-09/16/94	3	25	
ASIS0101	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/91-09/16/94	3	25	
ASIS0113	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	7	35	
ASIS0127	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	7	37	
ASIS0131	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/29/91-09/15/94	3	20	
ASIS0145	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	7	41	
ASIS0163	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	7	41	
ASIS0191	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	7	36	
ASIS0207	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	7	44	
ASIS0211	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	7	43	
ASIS0216	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/29/91-09/15/94	3	20	
ASIS0249	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	7	41	
ASIS0278	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	7	42	
ASIS0291	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/29/91-09/15/94	3	20	
ASIS0317	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/19/89-04/19/89	0	1	
ASIS0038	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/91-09/16/94	3	24	
ASIS0041	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/91-09/16/94	3	24	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0057	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/91-09/16/94	3	24	
ASIS0099	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/91-07/14/94	3	23	
ASIS0100	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/91-09/16/94	3	25	
ASIS0101	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/91-09/16/94	3	25	
ASIS0113	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	7	36	
ASIS0127	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	7	37	
ASIS0131	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/91-09/15/94	3	19	
ASIS0145	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	7	39	
ASIS0163	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	7	41	
ASIS0191	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	7	36	
ASIS0207	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	7	44	
ASIS0210	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/73-10/02/78	5	67	
ASIS0211	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-08/10/94	7	43	
ASIS0216	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/91-08/10/94	3	19	
ASIS0249	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	7	39	
ASIS0278	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-08/10/94	7	38	
ASIS0291	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/91-08/10/94	3	19	
ASIS0293	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/14/70-10/02/78	8	44	
ASIS0113	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	3	21	
ASIS0127	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	3	22	
ASIS0145	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	3	21	
ASIS0163	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	3	22	
ASIS0191	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	3	21	
ASIS0207	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	3	26	
ASIS0211	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	3	25	
ASIS0249	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	3	25	
ASIS0278	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	3	25	
ASIS0038	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/91-09/16/94	3	25	
ASIS0041	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/91-09/16/94	3	25	
ASIS0057	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/91-09/16/94	3	24	
ASIS0099	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/91-09/16/94	3	25	
ASIS0100	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/91-09/16/94	3	25	
ASIS0101	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/91-09/16/94	3	25	
ASIS0113	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	7	37	
ASIS0127	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	7	38	
ASIS0131	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/91-09/15/94	3	20	
ASIS0145	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	7	41	
ASIS0163	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	7	42	
ASIS0191	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	7	37	
ASIS0207	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	7	45	
ASIS0211	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	7	45	
ASIS0216	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/91-09/15/94	3	20	
ASIS0249	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	7	42	
ASIS0278	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	7	42	
ASIS0291	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/91-09/15/94	3	20	
ASIS0317	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/19/89-04/19/89	0	1	
ASIS0210	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/18/73-10/02/78	5	61	
ASIS0293	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/17/73-10/02/78	5	37	
ASIS0317	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/19/89-04/19/89	0	1	
ASIS0228	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/18/71-06/18/71	0	1	
ASIS0232	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/18/71-06/18/71	0	1	
ASIS0237	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/17/71-06/17/71	0	1	
ASIS0241	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	0	1	
ASIS0244	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	0	1	
ASIS0262	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	0	1	
ASIS0265	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	0	1	
ASIS0267	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	0	1	
ASIS0269	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	0	1	
ASIS0274	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	0	1	
ASIS0276	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/17/71-06/17/71	0	1	
ASIS0283	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	0	1	
ASIS0288	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	0	1	
ASIS0290	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/17/71-06/17/71	0	1	
ASIS0317	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/19/89-04/19/89	0	1	
ASIS0228	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/18/71-06/18/71	0	1	
ASIS0232	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/18/71-06/18/71	0	1	
ASIS0237	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/17/71-06/17/71	0	1	
ASIS0241	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	0	1	
ASIS0244	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	0	1	
ASIS0262	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	0	1	
ASIS0265	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	0	1	
ASIS0267	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0269	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	0	1	
ASIS0274	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	0	1	
ASIS0276	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/17/71-06/17/71	0	1	
ASIS0283	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	0	1	
ASIS0288	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	0	1	
ASIS0290	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/17/71-06/17/71	0	1	
ASIS0317	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/19/89-04/19/89	0	1	
ASIS0317	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/19/89-04/19/89	0	1	
ASIS0317	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/19/89-04/19/89	0	1	
ASIS0317	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/19/89-04/19/89	0	1	
ASIS0317	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/19/89-04/19/89	0	1	
ASIS0038	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/91-09/16/94	3	25	
ASIS0041	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/91-09/16/94	3	25	
ASIS0057	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/91-09/16/94	3	24	
ASIS0099	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/91-09/16/94	3	25	
ASIS0100	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/91-09/16/94	3	25	
ASIS0101	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/91-09/16/94	3	25	
ASIS0113	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/91-09/15/94	3	16	
ASIS0127	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/91-09/15/94	3	16	
ASIS0131	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	3	20	
ASIS0145	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	3	19	
ASIS0163	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	3	20	
ASIS0191	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/91-09/15/94	3	16	
ASIS0207	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	3	20	
ASIS0211	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	3	20	
ASIS0216	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	3	20	
ASIS0249	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/91-09/15/94	3	16	
ASIS0278	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/91-09/15/94	3	16	
ASIS0291	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	3	20	
ASIS0317	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/19/89-04/19/89	0	1	
ASIS0317	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/19/89-04/19/89	0	1	
ASIS0228	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/18/71-06/18/71	0	1	
ASIS0232	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/18/71-06/18/71	0	1	
ASIS0237	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/17/71-06/17/71	0	1	
ASIS0241	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	0	1	
ASIS0244	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	0	1	
ASIS0262	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	0	1	
ASIS0265	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	0	1	
ASIS0267	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	0	1	
ASIS0269	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	0	1	
ASIS0274	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	0	1	
ASIS0276	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/17/71-06/17/71	0	1	
ASIS0283	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	0	1	
ASIS0288	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	0	1	
ASIS0290	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/17/71-06/17/71	0	1	
ASIS0228	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/18/71-06/18/71	0	1	
ASIS0232	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/18/71-06/18/71	0	1	
ASIS0237	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/17/71-06/17/71	0	1	
ASIS0241	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	0	1	
ASIS0244	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	0	1	
ASIS0262	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	0	1	
ASIS0265	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	0	1	
ASIS0267	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	0	1	
ASIS0269	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	0	1	
ASIS0274	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	0	1	
ASIS0276	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/17/71-06/17/71	0	1	
ASIS0283	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	0	1	
ASIS0288	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	0	1	
ASIS0290	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/17/71-06/17/71	0	1	
ASIS0228	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/18/71-06/18/71	0	1	
ASIS0232	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/18/71-06/18/71	0	1	
ASIS0237	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/17/71-06/17/71	0	1	
ASIS0241	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	0	1	
ASIS0244	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	0	1	
ASIS0262	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	0	1	
ASIS0265	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	0	1	
ASIS0267	No	01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	0	1	
ASIS0269	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	0	1	
ASIS0274	No	01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	0	1	
ASIS0276	No	01042	COPPER, TOTAL (UG/L AS CU)	06/17/71-06/17/71	0	1	
ASIS0283	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	0	1	
ASIS0288	No	01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0290	No	01042	COPPER, TOTAL (UG/L AS CU)	06/17/71-06/17/71	0	1	
ASIS0317	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/19/89-04/19/89	0	1	
ASIS0228	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/18/71-06/18/71	0	1	
ASIS0232	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/18/71-06/18/71	0	1	
ASIS0237	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/17/71-06/17/71	0	1	
ASIS0241	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	0	1	
ASIS0244	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	0	1	
ASIS0262	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	0	1	
ASIS0265	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	0	1	
ASIS0267	No	01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	0	1	
ASIS0269	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	0	1	
ASIS0274	No	01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	0	1	
ASIS0276	No	01051	LEAD, TOTAL (UG/L AS PB)	06/17/71-06/17/71	0	1	
ASIS0283	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	0	1	
ASIS0288	No	01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	0	1	
ASIS0290	No	01051	LEAD, TOTAL (UG/L AS PB)	06/17/71-06/17/71	0	1	
ASIS0317	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/19/89-04/19/89	0	1	
ASIS0317	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/19/89-04/19/89	0	1	
ASIS0317	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/19/89-04/19/89	0	1	
ASIS0317	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/19/89-04/19/89	0	1	
ASIS0228	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/18/71-06/18/71	0	1	
ASIS0232	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/18/71-06/18/71	0	1	
ASIS0237	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/17/71-06/17/71	0	1	
ASIS0241	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	0	1	
ASIS0244	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	0	1	
ASIS0262	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	0	1	
ASIS0265	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	0	1	
ASIS0267	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	0	1	
ASIS0269	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	0	1	
ASIS0274	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	0	1	
ASIS0276	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/17/71-06/17/71	0	1	
ASIS0283	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	0	1	
ASIS0288	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	0	1	
ASIS0290	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/17/71-06/17/71	0	1	
ASIS0317	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/19/89-04/19/89	0	1	
ASIS0317	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	04/19/89-04/19/89	0	1	
ASIS0210	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/26/74-06/27/78	4	32	
ASIS0293	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/08/69-06/27/78	8	26	
ASIS0001	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/70-08/06/79	8	23	
ASIS0002	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9	25	
ASIS0003	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	64	
ASIS0004	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	66	
ASIS0005	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9	24	
ASIS0006	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9	25	
ASIS0007	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9	22	
ASIS0008	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	64	
ASIS0009	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9	24	
ASIS0010	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9	24	
ASIS0011	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	67	
ASIS0012	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9	24	
ASIS0013	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9	24	
ASIS0014	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9	23	
ASIS0015	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	67	
ASIS0016	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9	49	
ASIS0017	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	13	111	T,A,S
ASIS0018	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	14	113	T,A,S
ASIS0019	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	14	101	T,A,S
ASIS0020	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	14	115	T,A,S
ASIS0021	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	16	78	T,S
ASIS0022	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	10	73	
ASIS0023	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	85	
ASIS0024	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	14	116	T,A,S
ASIS0025	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	16	117	T,A,S
ASIS0026	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	16	49	S
ASIS0027	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	14	115	T,A,S
ASIS0028	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	14	44	S
ASIS0029	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	15	112	T,A,S
ASIS0030	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	14	114	T,A,S
ASIS0031	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	13	47	S
ASIS0032	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	14	114	T,A,S
ASIS0033	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	14	114	T,A,S
ASIS0034	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	14	112	T,A,S

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0035	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/75-06/02/75	0	1	
ASIS0036	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	14	77	T,S
ASIS0037	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	14	110	T,A,S
ASIS0039	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	108	A
ASIS0040	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	14	53	S
ASIS0042	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	108	A
ASIS0043	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9	48	
ASIS0044	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	14	115	T,A,S
ASIS0045	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	14	117	T,A,S
ASIS0046	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	14	112	T,A,S
ASIS0047	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	14	114	T,A,S
ASIS0048	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	14	94	T,S
ASIS0049	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	14	99	T,S
ASIS0050	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14	83	T,S
ASIS0051	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	105	A
ASIS0052	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14	82	T,S
ASIS0054	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14	83	T,S
ASIS0055	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14	46	S
ASIS0056	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	103	A
ASIS0058	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	15	112	T,A,S
ASIS0059	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	104	A
ASIS0060	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	14	50	S
ASIS0061	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	14	114	T,A,S
ASIS0062	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9	43	
ASIS0063	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-05/23/79	9	40	
ASIS0064	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14	48	S
ASIS0065	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	7	87	
ASIS0066	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	14	112	T,A,S
ASIS0067	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	104	A
ASIS0068	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	105	A
ASIS0069	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	104	A
ASIS0070	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	9	96	
ASIS0071	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-07/14/80	15	50	S
ASIS0072	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	8	38	
ASIS0073	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	105	A
ASIS0074	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	106	A
ASIS0075	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	14	114	T,A,S
ASIS0076	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	8	35	
ASIS0077	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14	48	S
ASIS0078	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	106	A
ASIS0079	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	7	87	
ASIS0080	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	14	110	T,A,S
ASIS0081	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	8	36	
ASIS0082	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	13	46	S
ASIS0083	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	9	99	
ASIS0084	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	13	50	S
ASIS0085	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-08/06/79	13	49	S
ASIS0086	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	13	111	T,A,S
ASIS0087	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	8	36	
ASIS0088	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	8	40	
ASIS0089	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	8	37	
ASIS0090	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	8	39	
ASIS0091	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	8	39	
ASIS0092	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	9	99	A
ASIS0093	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	8	37	
ASIS0094	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	9	104	A
ASIS0095	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	8	39	
ASIS0096	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	8	37	
ASIS0097	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	8	89	
ASIS0098	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	8	99	A
ASIS0113	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	3	22	
ASIS0127	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	3	22	
ASIS0145	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	3	21	
ASIS0163	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	3	22	
ASIS0191	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/22/87-10/22/90	3	21	
ASIS0207	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	3	30	
ASIS0210	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/74-06/27/78	4	32	
ASIS0211	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	3	30	
ASIS0249	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	3	29	
ASIS0278	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	3	30	
ASIS0293	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/08/69-06/27/78	8	26	
ASIS0001	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	9	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0002	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	9	
ASIS0003	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	29	
ASIS0004	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-11/30/82	5	28	
ASIS0005	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	9	
ASIS0006	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	9	
ASIS0007	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	9	
ASIS0008	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-11/30/82	5	28	
ASIS0009	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	9	
ASIS0010	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	9	
ASIS0011	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-11/30/82	5	29	
ASIS0012	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	9	
ASIS0013	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-11/30/82	2	25	
ASIS0014	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	9	
ASIS0015	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-10/05/81	4	15	
ASIS0016	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	10	
ASIS0017	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	29	
ASIS0018	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-11/30/82	5	31	
ASIS0019	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-10/05/81	4	11	
ASIS0020	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	29	
ASIS0021	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/21/66-11/30/82	16	26	
ASIS0022	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-10/05/81	1	11	
ASIS0023	Yes	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	29	
ASIS0024	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	29	
ASIS0025	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/21/66-11/30/82	16	29	S
ASIS0026	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-11/30/82	2	22	
ASIS0027	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0028	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-10/05/81	1	11	
ASIS0029	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	28	
ASIS0030	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0031	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-11/30/82	2	25	
ASIS0032	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0033	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-11/30/82	5	31	
ASIS0034	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0035	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	07/14/80-10/05/81	1	2	
ASIS0036	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	10	
ASIS0037	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-10/05/81	4	20	
ASIS0039	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	29	
ASIS0040	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	9	
ASIS0042	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-11/30/82	5	30	
ASIS0043	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	10	
ASIS0044	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0045	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	29	
ASIS0046	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	31	
ASIS0047	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	31	
ASIS0048	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	09/11/78-10/05/81	3	15	
ASIS0049	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	09/11/78-10/05/81	3	15	
ASIS0050	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	10	
ASIS0051	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0052	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	9	
ASIS0053	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	07/14/80-10/05/81	1	2	
ASIS0054	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	9	
ASIS0055	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-11/30/82	2	25	
ASIS0056	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-10/05/81	1	15	
ASIS0058	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0059	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0060	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-11/30/82	2	25	
ASIS0061	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0062	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	03/13/72-11/30/82	10	18	
ASIS0063	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	10	
ASIS0064	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	02/29/80-11/30/82	2	27	
ASIS0065	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	21	
ASIS0066	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	29	
ASIS0067	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	29	
ASIS0068	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0069	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0070	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	29	
ASIS0071	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-11/30/82	2	23	
ASIS0072	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	9	
ASIS0073	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	29	
ASIS0074	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0075	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-10/19/82	3	28	
ASIS0076	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/21/80-10/05/81	0	7	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0077	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-11/30/82	2	26	
ASIS0078	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	28	
ASIS0079	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	23	
ASIS0080	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	31	
ASIS0081	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	10	
ASIS0082	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-11/30/82	2	26	
ASIS0083	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0084	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-10/05/81	1	11	
ASIS0085	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	10	
ASIS0086	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	29	
ASIS0087	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	10	
ASIS0088	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	10	
ASIS0089	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	10	
ASIS0090	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/08/80-10/05/81	1	11	
ASIS0091	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	10	
ASIS0092	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0093	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	1	10	
ASIS0094	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0095	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	07/14/80-10/05/81	1	9	
ASIS0096	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	07/14/80-10/05/81	1	9	
ASIS0097	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-11/30/82	2	24	
ASIS0098	No	31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	3	30	
ASIS0025	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/19/82	4	34	
ASIS0026	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	22	
ASIS0028	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/05/81	3	11	
ASIS0029	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	33	
ASIS0031	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	27	
ASIS0032	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/18/81-08/18/81	0	1	
ASIS0035	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/05/81-10/05/81	0	1	
ASIS0039	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/10/82-05/10/82	0	1	
ASIS0044	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	34	
ASIS0045	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	33	
ASIS0046	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-08/18/82	4	35	
ASIS0047	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/19/82	4	36	
ASIS0050	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/05/81	3	13	
ASIS0052	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/05/81	3	13	
ASIS0053	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/05/81-10/05/81	0	1	
ASIS0054	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/05/81	3	13	
ASIS0055	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	26	
ASIS0058	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	35	
ASIS0060	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	26	
ASIS0061	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	34	
ASIS0064	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	27	
ASIS0065	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/23/79-10/05/81	2	2	
ASIS0066	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	34	
ASIS0071	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	24	
ASIS0075	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	32	
ASIS0077	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	4	25	
ASIS0079	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/15/81	3	3	
ASIS0080	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/19/82	4	34	
ASIS0082	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-03/02/82	3	3	
ASIS0084	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-06/12/78	0	1	
ASIS0025	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-11/29/76	1	4	
ASIS0029	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-04/26/76	1	2	
ASIS0044	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/03/73-05/02/77	3	11	
ASIS0045	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	05/01/73-11/09/77	4	14	
ASIS0046	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-04/11/77	2	4	
ASIS0047	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	05/01/73-11/09/77	4	14	
ASIS0050	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	05/01/73-06/22/76	3	10	
ASIS0052	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	05/01/73-06/22/76	3	10	
ASIS0054	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	05/01/73-06/22/76	3	10	
ASIS0058	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-04/26/76	1	2	
ASIS0061	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-12/20/76	1	4	
ASIS0064	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	06/22/76-06/22/76	0	1	
ASIS0066	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-01/22/75	0	1	
ASIS0075	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-11/09/77	2	3	
ASIS0079	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	09/20/76-11/29/76	0	2	
ASIS0080	No	31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-04/11/77	2	3	
ASIS0038	No	32230	CHLOROPHYLL A (MG/L)	05/01/91-09/16/94	3	25	
ASIS0041	No	32230	CHLOROPHYLL A (MG/L)	05/01/91-09/16/94	3	25	
ASIS0057	No	32230	CHLOROPHYLL A (MG/L)	05/01/91-09/16/94	3	24	
ASIS0099	No	32230	CHLOROPHYLL A (MG/L)	05/01/91-09/16/94	3	24	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0100	No	32230	CHLOROPHYLL A (MG/L)	05/01/91-09/16/94	3	24	
ASIS0101	No	32230	CHLOROPHYLL A (MG/L)	05/01/91-09/16/94	3	25	
ASIS0113	Yes	32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	6	33	
ASIS0127	No	32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	6	33	
ASIS0131	No	32230	CHLOROPHYLL A (MG/L)	04/29/91-09/15/94	3	20	
ASIS0145	No	32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	6	37	
ASIS0163	No	32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	6	37	
ASIS0191	No	32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	6	33	
ASIS0207	No	32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	6	40	
ASIS0211	No	32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	6	41	
ASIS0216	No	32230	CHLOROPHYLL A (MG/L)	04/29/91-09/15/94	3	20	
ASIS0249	No	32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	6	36	
ASIS0278	No	32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	6	37	
ASIS0291	No	32230	CHLOROPHYLL A (MG/L)	04/29/91-09/15/94	3	20	
ASIS0038	No	32231	CHLOROPHYLL B (MG/L)	05/29/91-09/16/94	3	17	
ASIS0041	No	32231	CHLOROPHYLL B (MG/L)	05/29/91-09/16/94	3	21	
ASIS0057	No	32231	CHLOROPHYLL B (MG/L)	05/29/91-09/16/94	3	14	
ASIS0099	No	32231	CHLOROPHYLL B (MG/L)	05/01/91-09/16/94	3	13	
ASIS0100	No	32231	CHLOROPHYLL B (MG/L)	05/01/91-09/16/94	3	16	
ASIS0101	No	32231	CHLOROPHYLL B (MG/L)	05/01/91-09/16/94	3	18	
ASIS0113	Yes	32231	CHLOROPHYLL B (MG/L)	08/14/91-09/15/94	3	14	
ASIS0127	No	32231	CHLOROPHYLL B (MG/L)	08/14/91-09/15/94	3	14	
ASIS0131	No	32231	CHLOROPHYLL B (MG/L)	04/29/91-09/15/94	3	18	
ASIS0145	No	32231	CHLOROPHYLL B (MG/L)	06/19/91-09/15/94	3	16	
ASIS0163	No	32231	CHLOROPHYLL B (MG/L)	04/29/91-09/15/94	3	17	
ASIS0191	No	32231	CHLOROPHYLL B (MG/L)	08/14/91-09/15/94	3	14	
ASIS0207	No	32231	CHLOROPHYLL B (MG/L)	04/29/91-09/15/94	3	18	
ASIS0211	No	32231	CHLOROPHYLL B (MG/L)	06/19/91-09/15/94	3	17	
ASIS0216	No	32231	CHLOROPHYLL B (MG/L)	04/29/91-09/15/94	3	18	
ASIS0249	No	32231	CHLOROPHYLL B (MG/L)	08/14/91-09/15/94	3	15	
ASIS0278	No	32231	CHLOROPHYLL B (MG/L)	08/14/91-09/15/94	3	11	
ASIS0291	No	32231	CHLOROPHYLL B (MG/L)	06/19/91-09/15/94	3	15	
ASIS0038	No	32232	CHLOROPHYLL C (MG/L)	05/01/91-09/16/94	3	23	
ASIS0041	No	32232	CHLOROPHYLL C (MG/L)	05/01/91-09/16/94	3	24	
ASIS0057	No	32232	CHLOROPHYLL C (MG/L)	05/01/91-09/16/94	3	23	
ASIS0099	No	32232	CHLOROPHYLL C (MG/L)	05/01/91-08/09/94	3	12	
ASIS0100	No	32232	CHLOROPHYLL C (MG/L)	05/01/91-09/16/94	3	18	
ASIS0101	No	32232	CHLOROPHYLL C (MG/L)	05/01/91-09/16/94	3	20	
ASIS0113	Yes	32232	CHLOROPHYLL C (MG/L)	10/16/91-09/15/94	2	13	
ASIS0127	No	32232	CHLOROPHYLL C (MG/L)	08/14/91-09/15/94	3	14	
ASIS0131	No	32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	3	18	
ASIS0145	No	32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	3	17	
ASIS0163	No	32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	3	18	
ASIS0191	No	32232	CHLOROPHYLL C (MG/L)	10/16/91-09/15/94	2	14	
ASIS0207	No	32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	3	18	
ASIS0211	No	32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	3	18	
ASIS0216	No	32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	3	18	
ASIS0249	No	32232	CHLOROPHYLL C (MG/L)	08/14/91-09/15/94	3	15	
ASIS0278	No	32232	CHLOROPHYLL C (MG/L)	08/14/91-09/15/94	3	15	
ASIS0291	No	32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	3	18	
ASIS0228	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	0	1	
ASIS0232	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	0	1	
ASIS0237	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	0	2	
ASIS0241	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
ASIS0244	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0262	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0265	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0267	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
ASIS0269	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0274	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0276	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/17/71-06/17/71	0	1	
ASIS0283	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0288	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0290	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	0	2	
ASIS0237	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	0	1	
ASIS0244	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	0	1	
ASIS0262	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	0	1	
ASIS0265	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	0	1	
ASIS0269	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	0	1	
ASIS0274	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	0	1	
ASIS0283	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	0	1	
ASIS0288	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0290	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	0	1	
ASIS0228	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/18/71-06/18/71	0	1	
ASIS0232	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/18/71-06/18/71	0	1	
ASIS0237	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/17/71-10/20/71	0	2	
ASIS0241	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-06/16/71	0	1	
ASIS0244	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	0	2	
ASIS0262	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	0	2	
ASIS0265	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	0	2	
ASIS0267	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-06/16/71	0	1	
ASIS0269	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	0	2	
ASIS0274	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	0	2	
ASIS0276	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/17/71-06/17/71	0	1	
ASIS0283	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	0	2	
ASIS0288	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	0	2	
ASIS0290	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/17/71-10/20/71	0	2	
ASIS0228	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	0	1	
ASIS0232	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	0	1	
ASIS0237	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	0	2	
ASIS0241	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
ASIS0244	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0262	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0265	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0267	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
ASIS0269	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0274	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0276	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/17/71-06/17/71	0	1	
ASIS0283	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0288	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0290	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	0	2	
ASIS0228	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	0	1	
ASIS0232	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	0	1	
ASIS0237	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	0	2	
ASIS0241	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
ASIS0244	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0262	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0265	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0267	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
ASIS0269	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0274	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0276	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/17/71-06/17/71	0	1	
ASIS0283	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0288	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0290	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	0	2	
ASIS0228	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	0	1	
ASIS0232	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	0	1	
ASIS0237	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	0	2	
ASIS0241	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
ASIS0244	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0262	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0265	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0267	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
ASIS0269	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0274	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0276	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/17/71-06/17/71	0	1	
ASIS0283	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0288	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0290	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	0	2	
ASIS0228	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	0	1	
ASIS0232	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	0	1	
ASIS0237	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	0	2	
ASIS0241	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
ASIS0244	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0262	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0265	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0267	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
ASIS0269	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0274	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0276	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/17/71-06/17/71	0	1	
ASIS0283	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0288	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0290	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	0	2	
ASIS0237	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0244	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0262	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0265	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0269	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0274	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0283	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0288	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0290	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0237	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0244	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0262	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0265	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0269	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0274	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0283	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0288	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0290	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0228	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	0	1	
ASIS0232	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	0	1	
ASIS0237	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	0	2	
ASIS0241	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
ASIS0244	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0262	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0265	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0267	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	0	1	
ASIS0269	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0274	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0276	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/17/71-06/17/71	0	1	
ASIS0283	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0288	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	0	2	
ASIS0290	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	0	2	
ASIS0237	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0244	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0262	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0265	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0269	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0274	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0283	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0288	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0290	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0237	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0244	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0262	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0265	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0269	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0274	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0283	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0288	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0290	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	0	1	
ASIS0293	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/26/78-06/26/78	0	1	
ASIS0317	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/19/89-04/19/89	0	1	
ASIS0317	No	71820	DENSITY (GM/ML AT 20 C)	04/19/89-04/19/89	0	1	
ASIS0317	No	71865	IODIDE (MG/L AS I)	04/19/89-04/19/89	0	1	
ASIS0317	No	71870	BROMIDE (MG/L AS BR)	04/19/89-04/19/89	0	1	
ASIS0284	Yes	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	11/06/76-11/06/76	0	1	
ASIS0284	Yes	81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/06/76-11/06/76	0	1	
ASIS0284	Yes	81628	NICKEL IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/06/76-11/06/76	0	1	
ASIS0284	Yes	81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/06/76-11/06/76	0	1	
ASIS0284	Yes	81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/06/76-11/06/76	0	1	
ASIS0284	Yes	81635	SILVER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/06/76-11/06/76	0	1	
ASIS0284	Yes	81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/06/76-11/06/76	0	1	
ASIS0113	Yes	82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	24	
ASIS0127	No	82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	24	
ASIS0145	No	82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	23	
ASIS0163	No	82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	24	
ASIS0191	No	82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	27	
ASIS0207	No	82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	44	
ASIS0211	No	82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	44	
ASIS0249	No	82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	44	
ASIS0278	No	82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	41	
ASIS0024	No	82552	DEPTH TO BOTTOM OF SCREENED INTERVAL FROM M.P. FT	09/15/81-09/15/81	0	1	
ASIS0001	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/17/70-10/05/81	11	32	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0002	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	34	
ASIS0003	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	93	
ASIS0004	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	94	
ASIS0005	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	33	
ASIS0006	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	34	
ASIS0007	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	31	
ASIS0008	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	92	
ASIS0009	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	33	
ASIS0010	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	33	
ASIS0011	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	96	
ASIS0012	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	33	
ASIS0013	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	49	
ASIS0014	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	32	
ASIS0015	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	82	
ASIS0016	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	59	
ASIS0017	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	14	138	
ASIS0018	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	140	
ASIS0019	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	108	
ASIS0020	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	142	
ASIS0021	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	102	
ASIS0022	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	13	84	
ASIS0023	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	113	
ASIS0024	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	139	
ASIS0025	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	143	
ASIS0026	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	70	
ASIS0027	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	141	
ASIS0028	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	53	
ASIS0029	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	137	
ASIS0030	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	140	
ASIS0031	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	71	
ASIS0032	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	140	
ASIS0033	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	141	
ASIS0034	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	138	
ASIS0035	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/02/75-10/05/81	6	3	
ASIS0036	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	84	
ASIS0037	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	126	
ASIS0039	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	135	
ASIS0040	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	60	
ASIS0042	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	136	
ASIS0043	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	58	
ASIS0044	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	141	
ASIS0045	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	142	
ASIS0046	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	140	
ASIS0047	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	140	
ASIS0048	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	105	
ASIS0049	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	111	
ASIS0050	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	90	
ASIS0051	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	133	
ASIS0052	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	88	
ASIS0053	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	07/14/80-10/05/81	1	2	
ASIS0054	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	89	
ASIS0055	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/21/66-11/30/82	16	69	
ASIS0056	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	116	
ASIS0058	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	16	137	
ASIS0059	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	132	
ASIS0060	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	72	
ASIS0061	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	140	
ASIS0062	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	61	
ASIS0063	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	50	
ASIS0064	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	73	
ASIS0065	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	10	106	
ASIS0066	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	138	
ASIS0067	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	131	
ASIS0068	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	133	
ASIS0069	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	132	
ASIS0070	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	122	
ASIS0071	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	71	
ASIS0072	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	47	
ASIS0073	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	131	
ASIS0074	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	134	
ASIS0075	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	16	138	
ASIS0076	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	42	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0077	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	72	
ASIS0078	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	132	
ASIS0079	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	10	107	
ASIS0080	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	138	
ASIS0081	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	46	
ASIS0082	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	71	
ASIS0083	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	126	
ASIS0084	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	60	
ASIS0085	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	59	
ASIS0086	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	138	
ASIS0087	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	46	
ASIS0088	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	50	
ASIS0089	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	47	
ASIS0090	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	50	
ASIS0091	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	49	
ASIS0092	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	126	
ASIS0093	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	47	
ASIS0094	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	132	
ASIS0095	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	48	
ASIS0096	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	46	
ASIS0097	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	112	
ASIS0098	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	126	
ASIS0113	Yes	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	24	
ASIS0127	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	24	
ASIS0145	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	23	
ASIS0163	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	24	
ASIS0191	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	27	
ASIS0207	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	44	
ASIS0211	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	44	
ASIS0249	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	44	
ASIS0278	No	82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	3	41	
ASIS0001	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/17/70-10/05/81	11	32	
ASIS0002	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	34	
ASIS0003	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	93	
ASIS0004	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	94	
ASIS0005	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	33	
ASIS0006	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	34	
ASIS0007	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	31	
ASIS0008	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	92	
ASIS0009	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	33	
ASIS0010	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	33	
ASIS0011	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	96	
ASIS0012	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	33	
ASIS0013	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	49	
ASIS0014	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	32	
ASIS0015	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	82	
ASIS0016	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	59	
ASIS0017	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	14	138	
ASIS0018	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	140	
ASIS0019	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	108	
ASIS0020	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	142	
ASIS0021	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	102	
ASIS0022	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	13	84	
ASIS0023	Yes	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	113	
ASIS0024	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	140	
ASIS0025	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	143	
ASIS0026	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	70	
ASIS0027	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	141	
ASIS0028	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	53	
ASIS0029	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	137	
ASIS0030	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	140	
ASIS0031	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	71	
ASIS0032	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	140	
ASIS0033	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	141	
ASIS0034	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	138	
ASIS0035	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/02/75-10/05/81	6	3	
ASIS0036	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	84	
ASIS0037	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	126	
ASIS0039	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	135	
ASIS0040	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	60	
ASIS0042	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	136	
ASIS0043	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	58	

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

Station/Parameter Period of Record Tabulation
From 08/25/64 To 10/21/94

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ASIS0044	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	141	
ASIS0045	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	142	
ASIS0046	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	139	
ASIS0047	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	140	
ASIS0048	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	105	
ASIS0049	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	111	
ASIS0050	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	90	
ASIS0051	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	133	
ASIS0052	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	88	
ASIS0053	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	07/14/80-10/05/81	1	2	
ASIS0054	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	89	
ASIS0055	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/21/66-11/30/82	16	69	
ASIS0056	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	116	
ASIS0058	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	16	137	
ASIS0059	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	132	
ASIS0060	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	72	
ASIS0061	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	140	
ASIS0062	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	61	
ASIS0063	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	50	
ASIS0064	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	73	
ASIS0065	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	10	106	
ASIS0066	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	138	
ASIS0067	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	131	
ASIS0068	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	133	
ASIS0069	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	132	
ASIS0070	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	123	
ASIS0071	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	72	
ASIS0072	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	47	
ASIS0073	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	132	
ASIS0074	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	134	
ASIS0075	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	16	138	
ASIS0076	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	41	
ASIS0077	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	72	
ASIS0078	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	13	132	
ASIS0079	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	10	108	
ASIS0080	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	138	
ASIS0081	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	46	
ASIS0082	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	71	
ASIS0083	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	127	
ASIS0084	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	60	
ASIS0085	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	59	
ASIS0086	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	137	
ASIS0087	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	46	
ASIS0088	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	50	
ASIS0089	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	47	
ASIS0090	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	50	
ASIS0091	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	49	
ASIS0092	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	127	
ASIS0093	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	47	
ASIS0094	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	131	
ASIS0095	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	48	
ASIS0096	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	46	
ASIS0097	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	111	
ASIS0098	No	82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	127	
ASIS0113	Yes	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	09/16/87-10/22/90	3	19	
ASIS0127	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	09/16/87-10/22/90	3	20	
ASIS0145	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	09/16/87-10/22/90	3	19	
ASIS0163	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	09/16/87-10/22/90	3	20	
ASIS0191	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/20/87-10/22/90	3	23	
ASIS0207	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/20/87-10/22/90	3	36	
ASIS0211	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/20/87-10/22/90	3	36	
ASIS0249	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/20/87-10/22/90	3	37	
ASIS0278	No	82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/09/88-10/22/90	2	31	

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

Station-By-Station Results

Station Inventory for Station: ASIS0001

NPS Station ID: ASIS0001 LAT/LON: 37.870004/ -75.366670 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10166
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 28.740 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010121200.00 RF3 Mile Point: 2.21 Distance from RF3: 0.15 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/70-08/06/79	23 ##	1.5	3.609	9.	1.5	9.181	3.03	1.5	1.5	7.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/70-08/06/79	23 ##	0.176	0.425	0.954	0.176	0.111	0.333	0.176	0.176	0.845	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.662								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	9 ##	1.5	1.967	3.6	1.5	0.858	0.926	1.5	1.5	2.55	3.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	9 ##	0.176	0.261	0.556	0.176	0.028	0.168	0.176	0.176	0.366	0.556
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.822								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/17/70-10/05/81	32	0.	0.129	1.28	0.	0.097	0.311	0.	0.	0.04	0.778
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/17/70-10/05/81	32	0.605	0.92	3.05	0.	0.908	0.953	0.	0.243	1.35	2.738

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

EPA Water Quality Criteria Analysis for Station: ASIS0001

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	23	0	0.00	5	0	0.00	9	0	0.00	9	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/70-08/06/79	5 ##	1.5	4.5	9.	1.5	16.875	4.108	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/70-08/06/79	5 ##	0.176	0.487	0.954	0.176	0.182	0.426	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.072								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/17/70-10/05/81	10	0.	0.303	1.28	0.	0.213	0.462	0.	0.	0.715	1.234
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/17/70-10/05/81	10	0.675	0.882	2.5	0.02	0.53	0.728	0.042	0.465	1.193	2.421

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/70-08/06/79	9 ##	1.5	2.889	9.	1.5	6.424	2.534	1.5	1.5	4.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/70-08/06/79	9 ##	0.176	0.357	0.954	0.176	0.084	0.29	0.176	0.176	0.602	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.276								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/17/70-10/05/81	10	0.	0.108	0.82	0.	0.064	0.254	0.	0.	0.103	0.749
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/17/70-10/05/81	10	0.435	0.786	3.05	0.	0.998	0.999	0.	0.188	1.048	2.957

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/70-08/06/79	9 ##	1.5	3.833	9.	1.5	9.25	3.041	1.5	1.5	7.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/17/70-08/06/79	9 ##	0.176	0.459	0.954	0.176	0.121	0.347	0.176	0.176	0.845	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.874								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/17/70-10/05/81	12	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.007
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/17/70-10/05/81	12	0.62	1.063	3.04	0.	1.267	1.126	0.	0.038	2.15	2.98

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

Station Inventory for Station: ASIS0002

NPS Station ID: ASIS0002 LAT/LON: 37.871670/ -75.361115 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10165
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 28.490 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010121200.00 RF3 Mile Point: 2.30 Distance from RF3: 0.07 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	25 ##	1.5	2.66	14.	1.5	6.765	2.601	1.5	1.5	4.	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	25 ##	0.176	0.329	1.146	0.176	0.064	0.253	0.176	0.176	0.602	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.134								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	9 ##	1.5	3.1	9.1	1.5	7.653	2.766	1.5	1.5	4.9	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	9 ##	0.176	0.374	0.959	0.176	0.098	0.313	0.176	0.176	0.674	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.365								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	34	0.	0.134	1.35	0.	0.123	0.351	0.	0.	0.003	0.75
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	34	0.64	1.038	3.38	0.	1.002	1.001	0.	0.273	1.478	2.94

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

EPA Water Quality Criteria Analysis for Station: ASIS0002

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	25	0	0.00	6	0	0.00	8	0	0.00	11	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	6 ##	2.75	2.75	4.	1.5	1.875	1.369	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	6 ##	0.389	0.389	0.602	0.176	0.054	0.233	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	11	0.	0.275	1.28	0.	0.2	0.447	0.	0.	0.68	1.188
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	11	0.7	1.109	3.38	0.02	1.045	1.022	0.064	0.54	1.71	3.204

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	8 ##	1.5	2.125	4.	1.5	1.339	1.157	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	8 ##	0.176	0.283	0.602	0.176	0.039	0.197	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.917								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.	0.168	1.35	0.	0.198	0.445	0.	0.	0.08	1.35
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.5	0.873	3.05	0.	1.037	1.018	0.	0.265	1.405	3.05

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	11 ##	1.5	3.	14.	1.5	14.	3.742	1.5	1.5	3.	12.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	11 ##	0.176	0.33	1.146	0.176	0.095	0.308	0.176	0.176	0.477	1.037
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.14								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	14	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.005
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	14	0.915	1.088	3.04	0.	1.077	1.038	0.	0.113	1.65	2.94

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

Station Inventory for Station: ASIS0003

NPS Station ID: ASIS0003 LAT/LON: 37.872781/ -75.371670 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10167
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 30.020 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010121200.00 RF3 Mile Point: 1.77 Distance from RF3: 0.24 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	64 ##	1.5	5.414	75.	1.5	119.846	10.947	1.5	1.5	4.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	64 ##	0.176	0.454	1.875	0.176	0.159	0.399	0.176	0.176	0.602	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.847								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	29 ##	1.5	4.514	43.	1.5	71.933	8.481	1.5	1.5	3.6	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	29 ##	0.176	0.399	1.633	0.176	0.138	0.371	0.176	0.176	0.556	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.507								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	93	0.	0.103	1.28	0.	0.058	0.241	0.	0.	0.04	0.466
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	93	0.48	0.725	4.93	0.	0.831	0.911	0.	0.035	0.905	2.168

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

EPA Water Quality Criteria Analysis for Station: ASIS0003

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	64	0	0.00	17	0	0.00	22	0	0.00	25	0	0.00			

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

Annual Analysis for 1969 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

Annual Analysis for 1970 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.28	0.28	0.28	0.28	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 box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	1.2	1.38	2.4	0.54	0.889	0.943	**	**	**	**

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

Annual Analysis for 1973 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	7	0.	0.029	0.2	0.	0.006	0.076	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	7	0.09	0.407	2.2	0.	0.637	0.798	**	**	**	**

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

Annual Analysis for 1974 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.	0.156	0.74	0.	0.081	0.284	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.395	0.44	1.28	0.	0.175	0.418	**	**	**	**

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

Annual Analysis for 1975 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.053	0.33	0.	0.013	0.115	0.	0.	0.075	0.33
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.24	0.68	2.11	0.	0.626	0.791	0.	0.015	1.39	2.11

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

Annual Analysis for 1976 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.04	0.14	0.68	0.	0.055	0.235	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.575	0.541	1.4	0.	0.192	0.438	**	**	**	**

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

Annual Analysis for 1977 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.005	0.05	0.	0.	0.016	0.	0.	0.	0.045
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.35	0.687	2.37	0.	0.756	0.869	0.	0.	1.188	2.323

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

Annual Analysis for 1978 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	1.57	1.618	3.05	0.	1.447	1.203	**	**	**	**

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

Annual Analysis for 1979 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.199	1.28	0.	0.179	0.424	0.	0.	0.233	1.212
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.31	0.975	4.93	0.	2.643	1.626	0.	0.03	1.198	4.721

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

Annual Analysis for 1980 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.094	0.82	0.	0.074	0.272	0.	0.	0.015	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.5	0.632	1.71	0.15	0.203	0.45	0.15	0.36	0.715	1.71

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

Annual Analysis for 1981 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

Annual Analysis for 1982 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	17	4.	9.471	75.	1.5	313.421	17.704	1.5	1.5	9.	33.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	17	0.602	0.648	1.875	0.176	0.23	0.48	0.176	0.176	0.954	1.464
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.444								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	29	0.	0.172	1.28	0.	0.099	0.315	0.	0.	0.255	0.68
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	29	0.54	0.647	2.5	0.	0.466	0.683	0.	0.06	0.79	1.9

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	22 ##	1.5	3.364	23.	1.5	23.195	4.816	1.5	1.5	3.25	8.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	22 ##	0.176	0.348	1.362	0.176	0.108	0.328	0.176	0.176	0.508	0.921
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.229								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	29	0.	0.042	0.46	0.	0.011	0.104	0.	0.	0.015	0.17
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	29	0.5	0.924	4.93	0.	1.351	1.162	0.	0.125	1.175	3.05

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	25 ##	1.5	4.46	43.	1.5	68.894	8.3	1.5	1.5	4.	7.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	25 ##	0.176	0.416	1.633	0.176	0.133	0.364	0.176	0.176	0.602	0.889
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.608								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	35	0.	0.096	0.85	0.	0.059	0.243	0.	0.	0.	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	35	0.24	0.626	3.04	0.	0.702	0.838	0.	0.	1.18	2.226

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

Station Inventory for Station: ASIS0004

NPS Station ID: ASIS0004 LAT/LON: 37.873337/ -75.356670 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10164
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 28.210 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010110200.00 RF3 Mile Point: 5.21 Distance from RF3: 0.11 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	66 ##	1.5	4.5	43.	1.5	47.331	6.88	1.5	1.5	4.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	66 ##	0.176	0.431	1.633	0.176	0.14	0.374	0.176	0.176	0.602	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.701								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-11/30/82	28 ##	1.5	6.614	93.	1.5	298.092	17.265	1.5	1.5	6.3	9.69
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	04/25/77-11/30/82	28 ##	0.176	0.443	1.968	0.176	0.194	0.44	0.176	0.176	0.782	0.981
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.774								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	94	0.	0.128	1.35	0.	0.08	0.283	0.	0.	0.05	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	94	0.44	0.734	4.93	0.	0.904	0.951	0.	0.	0.883	2.285

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

EPA Water Quality Criteria Analysis for Station: ASIS0004

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	66	0	0.00	18	0	0.00	24	0	0.00	24	0	0.00			

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

Annual Analysis for 1969 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

Annual Analysis for 1970 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.28	0.28	0.28	0.28	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 box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3	4.	4.167	7.	1.5	7.583	2.754	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3	0.602	0.541	0.845	0.176	0.115	0.339	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.476								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	1.2	1.38	2.4	0.54	0.889	0.943	**	**	**	**

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

Annual Analysis for 1973 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	6	4.	4.417	9.	1.5	6.042	2.458	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	6	0.602	0.59	0.954	0.176	0.061	0.247	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.888								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	6	0.	0.033	0.2	0.	0.007	0.082	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	6	0.145	0.465	2.2	0.	0.736	0.858	**	**	**	**

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

Annual Analysis for 1974 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8 ##	1.5	7.	43.	1.5	212.357	14.572	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8 ##	0.176	0.412	1.633	0.176	0.266	0.516	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.579								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.	0.156	0.74	0.	0.081	0.284	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.395	0.451	1.28	0.	0.178	0.421	**	**	**	**

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

Annual Analysis for 1975 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	1.5	5.833	23.	1.5	51.5	7.176	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	0.176	0.528	1.362	0.176	0.21	0.459	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.374								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.053	0.33	0.	0.013	0.115	0.	0.	0.075	0.33
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.24	0.68	2.11	0.	0.626	0.791	0.	0.015	1.39	2.11

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

Annual Analysis for 1976 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	1.5	2.333	4.	1.5	1.563	1.25	1.5	1.5	4.	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	0.176	0.318	0.602	0.176	0.045	0.213	0.176	0.176	0.602	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.05	0.274	1.35	0.	0.211	0.459	0.	0.	0.47	1.35
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.56	0.481	1.4	0.	0.201	0.448	0.	0.01	0.66	1.4

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

Annual Analysis for 1977 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	1.5	5.25	23.	1.5	56.681	7.529	1.5	1.5	6.75	22.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.176	0.437	1.362	0.176	0.212	0.46	0.176	0.176	0.746	1.343
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.737								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.044	0.43	0.	0.017	0.129	0.	0.	0.	0.354
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.625	2.37	0.	0.723	0.85	0.	0.	0.95	2.276

** - 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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8 ##	1.5	1.813	4.	1.5	0.781	0.884	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8 ##	0.176	0.229	0.602	0.176	0.023	0.151	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.696								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	1.57	1.618	3.05	0.	1.447	1.203	**	**	**	**

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

Annual Analysis for 1979 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	4.	5.7	23.	1.5	43.456	6.592	1.5	1.5	7.5	21.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.602	0.567	1.362	0.176	0.164	0.405	0.176	0.176	0.872	1.321
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.691								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.	0.106	0.82	0.	0.083	0.288	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.59	0.649	1.71	0.15	0.229	0.479	**	**	**	**

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

Annual Analysis for 1981 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.125	0.25	0.85	0.	0.105	0.324	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.185	0.273	0.86	0.	0.108	0.329	**	**	**	**

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

Annual Analysis for 1982 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	18	4.	8.75	43.	1.5	119.949	10.952	1.5	1.5	10.5	25.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	18	0.602	0.696	1.633	0.176	0.208	0.456	0.176	0.176	1.01	1.389
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.971								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	30	0.	0.166	1.28	0.	0.097	0.311	0.	0.	0.253	0.672
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	30	0.57	0.741	3.38	0.	0.698	0.835	0.	0.075	0.853	2.323

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	24 ##	1.5	2.813	23.	1.5	19.387	4.403	1.5	1.5	1.5	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	24 ##	0.176	0.296	1.362	0.176	0.078	0.278	0.176	0.176	0.176	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.979								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	30	0.	0.122	1.35	0.	0.088	0.297	0.	0.	0.063	0.457
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	30	0.405	0.83	4.93	0.	1.369	1.17	0.	0.	0.95	2.965

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	24 ##	1.5	3.	9.	1.5	6.261	2.502	1.5	1.5	4.	8.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	24 ##	0.176	0.368	0.954	0.176	0.085	0.291	0.176	0.176	0.602	0.9
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.332								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	34	0.	0.099	0.85	0.	0.06	0.246	0.	0.	0.003	0.67
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	34	0.305	0.642	3.04	0.	0.713	0.844	0.	0.	1.185	2.255

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

Station Inventory for Station: ASIS0005

NPS Station ID: ASIS0005 LAT/LON: 37.876115/ -75.376392 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10168
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 30.020 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010120100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.19 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	24 ##	1.5	3.271	9.	1.5	6.239	2.498	1.5	1.5	4.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	24 ##	0.176	0.415	0.954	0.176	0.082	0.287	0.176	0.176	0.602	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.602								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	9 ##	1.5	5.178	23.	1.5	54.397	7.375	1.5	1.5	7.3	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	9 ##	0.176	0.446	1.362	0.176	0.205	0.453	0.176	0.176	0.799	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.794								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	33	0.	0.105	1.28	0.	0.079	0.281	0.	0.	0.03	0.508
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	33	0.61	0.935	3.05	0.	0.869	0.932	0.	0.245	1.3	2.704

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

EPA Water Quality Criteria Analysis for Station: ASIS0005

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	24	0	0.00	5	0	0.00	8	0	0.00	11	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	1.5	2.5	4.	1.5	1.875	1.369	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	0.176	0.346	0.602	0.176	0.054	0.233	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.221								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.	0.303	1.28	0.	0.213	0.462	0.	0.	0.715	1.234
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.675	0.882	2.5	0.02	0.53	0.728	0.042	0.465	1.193	2.421

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	8 ##	1.5	2.438	4.	1.5	1.674	1.294	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	8 ##	0.176	0.336	0.602	0.176	0.049	0.22	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.167								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.	0.029	0.11	0.	0.002	0.046	0.	0.	0.075	0.11
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.5	0.873	3.05	0.	1.037	1.018	0.	0.265	1.405	3.05

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	11	4.	4.227	9.	1.5	10.568	3.251	1.5	1.5	9.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	11	0.602	0.504	0.954	0.176	0.117	0.343	0.176	0.176	0.954	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.195								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	14	0.	0.011	0.15	0.	0.002	0.04	0.	0.	0.	0.08
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	14	0.62	1.014	3.04	0.	1.123	1.06	0.	0.113	1.65	2.94

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

Station Inventory for Station: ASIS0006

NPS Station ID: ASIS0006 LAT/LON: 37.877781/ -75.355004 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10163
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 27.860 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010110200.00 RF3 Mile Point: 5.85 Distance from RF3: 0.11 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	25 ##	1.5	3.18	23.	1.5	19.143	4.375	1.5	1.5	4.	5.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	25 ##	0.176	0.353	1.362	0.176	0.09	0.3	0.176	0.176	0.602	0.699
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.252								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	9 ##	1.5	3.656	9.1	1.5	10.315	3.212	1.5	1.5	6.35	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	9 ##	0.176	0.435	0.959	0.176	0.114	0.338	0.176	0.176	0.758	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.72								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	34	0.	0.137	1.35	0.	0.123	0.35	0.	0.	0.02	0.75
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	34	0.605	0.903	3.05	0.	0.877	0.937	0.	0.218	1.25	2.67

** - 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

EPA Water Quality Criteria Analysis for Station: ASIS0006

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	25	0	0.00	5	0	0.00	9	0	0.00	11	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	1.5	2.5	4.	1.5	1.875	1.369	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	0.176	0.346	0.602	0.176	0.054	0.233	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.221								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.	0.303	1.28	0.	0.213	0.462	0.	0.	0.715	1.234
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.675	0.882	2.5	0.02	0.53	0.728	0.042	0.465	1.193	2.421

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9 ##	1.5	5.056	23.	1.5	48.903	6.993	1.5	1.5	5.5	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9 ##	0.176	0.477	1.362	0.176	0.175	0.419	0.176	0.176	0.724	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.998								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.	0.161	1.35	0.	0.176	0.42	0.	0.	0.103	1.226
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.435	0.786	3.05	0.	0.998	0.999	0.	0.188	1.048	2.957

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	11 ##	1.5	1.955	4.	1.5	1.023	1.011	1.5	1.5	1.5	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	11 ##	0.176	0.254	0.602	0.176	0.03	0.172	0.176	0.176	0.176	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.793								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	14	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.005
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	14	0.62	1.001	3.04	0.	1.147	1.071	0.	0.045	1.65	2.94

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

Station Inventory for Station: ASIS0007

NPS Station ID: ASIS0007 LAT/LON: 37.878337/ -75.389448 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10170
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 30.780 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010107500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	22 ##	1.5	3.432	15.	1.5	11.721	3.424	1.5	1.5	4.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	22 ##	0.176	0.403	1.176	0.176	0.099	0.315	0.176	0.176	0.602	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.528								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	9 ##	1.5	4.078	15.	1.5	23.077	4.804	1.5	1.5	6.35	15.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	9 ##	0.176	0.416	1.176	0.176	0.155	0.393	0.176	0.176	0.758	1.176
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.609								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	31	0.	0.103	1.28	0.	0.084	0.29	0.	0.	0.	0.594
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	31	0.61	0.95	3.05	0.	0.907	0.952	0.004	0.25	1.4	2.772

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

EPA Water Quality Criteria Analysis for Station: ASIS0007

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	22	0	0.00	6	0	0.00	7	0	0.00	9	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	6	3.5	4.833	15.	1.5	26.067	5.106	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	6	0.54	0.535	1.176	0.176	0.136	0.369	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.427								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	11	0.	0.275	1.28	0.	0.2	0.447	0.	0.	0.68	1.188
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	11	0.65	0.805	2.5	0.02	0.543	0.737	0.022	0.24	1.02	2.342

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	7 ##	1.5	3.643	9.	1.5	13.393	3.66	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	7 ##	0.176	0.398	0.954	0.176	0.144	0.38	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.503								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	8	0.	0.02	0.11	0.	0.002	0.04	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	8	0.55	0.983	3.05	0.25	1.063	1.031	**	**	**	**

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9 ##	1.5	2.333	4.	1.5	1.563	1.25	1.5	1.5	4.	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9 ##	0.176	0.318	0.602	0.176	0.045	0.213	0.176	0.176	0.602	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.007
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	0.62	1.063	3.04	0.	1.267	1.126	0.	0.038	2.15	2.98

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

Station Inventory for Station: ASIS0008

NPS Station ID: ASIS0008 LAT/LON: 37.878893/ -75.381948 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10169
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 30.470 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010120100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.16 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	64 ##	1.5	7.063	93.	1.5	228.21	15.107	1.5	1.5	4.	15.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	64 ##	0.176	0.506	1.968	0.176	0.199	0.446	0.176	0.176	0.602	1.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.203								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-11/30/82	28 ##	1.5	3.814	23.	1.5	27.129	5.209	1.5	1.5	3.6	15.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	04/25/77-11/30/82	28 ##	0.176	0.382	1.362	0.176	0.126	0.355	0.176	0.176	0.556	1.176
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.412								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	92	0.	0.114	1.28	0.	0.065	0.255	0.	0.	0.045	0.561
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	92	0.44	0.739	4.93	0.	0.921	0.959	0.	0.005	0.928	2.319

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

EPA Water Quality Criteria Analysis for Station: ASIS0008

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	64	0	0.00	18	0	0.00	23	0	0.00	23	0	0.00			

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

Annual Analysis for 1969 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

Annual Analysis for 1970 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.28	0.28	0.28	0.28	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 box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	1.2	1.38	2.4	0.54	0.889	0.943	**	**	**	**

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

Annual Analysis for 1973 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	7	0.	0.029	0.2	0.	0.006	0.076	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	7	0.09	0.407	2.2	0.	0.637	0.798	**	**	**	**

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

Annual Analysis for 1974 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.	0.156	0.74	0.	0.081	0.284	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.395	0.44	1.28	0.	0.175	0.418	**	**	**	**

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

Annual Analysis for 1975 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.	0.041	0.33	0.	0.014	0.117	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.48	0.735	2.11	0.	0.684	0.827	**	**	**	**

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

Annual Analysis for 1976 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	7	0.05	0.16	0.68	0.	0.061	0.246	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	7	0.56	0.529	1.4	0.	0.223	0.472	**	**	**	**

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

Annual Analysis for 1977 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.044	0.43	0.	0.017	0.129	0.	0.	0.	0.354
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.625	2.37	0.	0.723	0.85	0.	0.	0.95	2.276

** - 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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	1.57	1.618	3.05	0.	1.447	1.203	**	**	**	**

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

Annual Analysis for 1979 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.094	0.82	0.	0.074	0.272	0.	0.	0.015	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.5	0.632	1.71	0.15	0.203	0.45	0.15	0.36	0.715	1.71

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

Annual Analysis for 1981 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	7	0.25	0.286	0.85	0.	0.111	0.333	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	7	0.	0.229	0.86	0.	0.108	0.329	**	**	**	**

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

Annual Analysis for 1982 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	18	4.	6.111	23.	1.5	44.369	6.661	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	18	0.602	0.603	1.362	0.176	0.154	0.392	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.01								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	29	0.	0.172	1.28	0.	0.099	0.315	0.	0.	0.255	0.68
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	29	0.54	0.743	3.38	0.	0.723	0.85	0.	0.06	0.855	2.37

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	23 ##	1.5	11.239	93.	1.5	576.202	24.004	1.5	1.5	4.	58.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	23 ##	0.176	0.507	1.968	0.176	0.332	0.576	0.176	0.176	0.602	1.757
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.215								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	30	0.	0.077	0.82	0.	0.035	0.186	0.	0.	0.035	0.417
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	30	0.47	0.847	4.93	0.	1.349	1.162	0.	0.	0.95	2.965

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	23 ##	1.5	3.63	15.	1.5	11.732	3.425	1.5	1.5	4.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	23 ##	0.176	0.427	1.176	0.176	0.104	0.323	0.176	0.176	0.602	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.676								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	33	0.	0.098	0.85	0.	0.062	0.249	0.	0.	0.	0.684
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	33	0.23	0.637	3.04	0.	0.741	0.861	0.	0.	1.19	2.284

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

Station Inventory for Station: ASIS0009

NPS Station ID: ASIS0009 LAT/LON: 37.881948/ -75.353892 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10162
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 27.470 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010110200.00 RF3 Mile Point: 3.98 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	24 ##	1.5	2.813	9.	1.5	4.822	2.196	1.5	1.5	4.	6.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	24 ##	0.176	0.36	0.954	0.176	0.069	0.262	0.176	0.176	0.602	0.778
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.291								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	9 ##	1.5	1.733	3.6	1.5	0.49	0.7	1.5	1.5	1.5	3.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	9 ##	0.176	0.218	0.556	0.176	0.016	0.127	0.176	0.176	0.176	0.556
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.653								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	33	0.	0.141	1.35	0.	0.126	0.355	0.	0.	0.03	0.764
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	33	0.61	0.928	3.05	0.	0.882	0.939	0.	0.245	1.3	2.704

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

EPA Water Quality Criteria Analysis for Station: ASIS0009

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	24	0	0.00	5	0	0.00	9	0	0.00	10	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	1.5	2.5	4.	1.5	1.875	1.369	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	0.176	0.346	0.602	0.176	0.054	0.233	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.221								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.	0.303	1.28	0.	0.213	0.462	0.	0.	0.715	1.234
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.675	0.882	2.5	0.02	0.53	0.728	0.042	0.465	1.193	2.421

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9 ##	1.5	2.333	4.	1.5	1.563	1.25	1.5	1.5	4.	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9 ##	0.176	0.318	0.602	0.176	0.045	0.213	0.176	0.176	0.602	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.	0.161	1.35	0.	0.176	0.42	0.	0.	0.103	1.226
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.435	0.786	3.05	0.	0.998	0.999	0.	0.188	1.048	2.957

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	10 ##	1.5	3.4	9.	1.5	9.433	3.071	1.5	1.5	5.25	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	10 ##	0.176	0.404	0.954	0.176	0.107	0.327	0.176	0.176	0.69	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.538								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	13	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.006
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	13	0.63	1.073	3.04	0.	1.163	1.079	0.	0.075	1.9	2.96

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

Station Inventory for Station: ASIS0010

NPS Station ID: ASIS0010 LAT/LON: 37.886116/ -75.354171 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10160
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 27.120 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010107500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	24 ##	1.5	3.25	23.	1.5	21.478	4.634	1.5	1.5	3.375	8.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	24 ##	0.176	0.339	1.362	0.176	0.103	0.321	0.176	0.176	0.496	0.9
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.183								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	9 ##	1.5	2.611	7.3	1.5	3.919	1.98	1.5	1.5	3.6	7.3
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	9 ##	0.176	0.337	0.863	0.176	0.066	0.257	0.176	0.176	0.556	0.863
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.172								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	33	0.	0.141	1.35	0.	0.126	0.355	0.	0.	0.03	0.764
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	33	0.61	0.928	3.05	0.	0.882	0.939	0.	0.245	1.3	2.704

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

EPA Water Quality Criteria Analysis for Station: ASIS0010

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	24	0	0.00	5	0	0.00	9	0	0.00	10	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	1.5	3.5	9.	1.5	10.625	3.26	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	0.176	0.417	0.954	0.176	0.124	0.352	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.612								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.	0.303	1.28	0.	0.213	0.462	0.	0.	0.715	1.234
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.675	0.882	2.5	0.02	0.53	0.728	0.042	0.465	1.193	2.421

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9 ##	1.5	2.389	7.	1.5	3.674	1.917	1.5	1.5	2.75	7.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9 ##	0.176	0.298	0.845	0.176	0.062	0.249	0.176	0.176	0.389	0.845
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.985								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.	0.161	1.35	0.	0.176	0.42	0.	0.	0.103	1.226
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.435	0.786	3.05	0.	0.998	0.999	0.	0.188	1.048	2.957

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	10 ##	1.5	3.9	23.	1.5	45.656	6.757	1.5	1.5	2.125	21.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	10 ##	0.176	0.337	1.362	0.176	0.147	0.384	0.176	0.176	0.283	1.286
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.174								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	13	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.006
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	13	0.63	1.073	3.04	0.	1.163	1.079	0.	0.075	1.9	2.96

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

Station Inventory for Station: ASIS0011

NPS Station ID: ASIS0011 LAT/LON: 37.886116/ -75.361115 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10159
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 26.660 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010110200.00 RF3 Mile Point: 2.38 Distance from RF3: 0.25 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	67 ##	1.5	6.664	75.	1.5	187.798	13.704	1.5	1.5	4.	10.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	67 ##	0.176	0.496	1.875	0.176	0.193	0.439	0.176	0.176	0.602	0.999
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.13								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-11/30/82	29 ##	1.5	5.017	23.	1.5	44.005	6.634	1.5	1.5	3.6	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	04/25/77-11/30/82	29 ##	0.176	0.472	1.362	0.176	0.162	0.403	0.176	0.176	0.556	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.962								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	96	0.	0.127	1.35	0.	0.078	0.28	0.	0.	0.05	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	96	0.44	0.734	4.93	0.	0.894	0.946	0.	0.005	0.928	2.251

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

EPA Water Quality Criteria Analysis for Station: ASIS0011

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	67	0	0.00	18	0	0.00	24	0	0.00	25	0	0.00			

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

Annual Analysis for 1969 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

Annual Analysis for 1970 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.28	0.28	0.28	0.28	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 box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3 ##	1.5	3.333	7.	1.5	10.083	3.175	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3 ##	0.176	0.399	0.845	0.176	0.149	0.386	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.507								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	1.2	1.38	2.4	0.54	0.889	0.943	**	**	**	**

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

Annual Analysis for 1973 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	7 ##	1.5	2.214	4.	1.5	1.488	1.22	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	7 ##	0.176	0.298	0.602	0.176	0.043	0.208	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.985								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	7	0.	0.029	0.2	0.	0.006	0.076	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	7	0.09	0.407	2.2	0.	0.637	0.798	**	**	**	**

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

Annual Analysis for 1974 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8	4.	8.563	43.	1.5	199.746	14.133	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8	0.602	0.615	1.633	0.176	0.247	0.497	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.124								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.	0.156	0.74	0.	0.081	0.284	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.395	0.451	1.28	0.	0.178	0.421	**	**	**	**

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

Annual Analysis for 1975 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	4.	10.778	75.	1.5	581.569	24.116	1.5	1.5	4.	75.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.602	0.554	1.875	0.176	0.291	0.539	0.176	0.176	0.602	1.875
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.582								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.053	0.33	0.	0.013	0.115	0.	0.	0.075	0.33
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.24	0.68	2.11	0.	0.626	0.791	0.	0.015	1.39	2.11

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

Annual Analysis for 1976 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	4.	4.	9.	1.5	9.375	3.062	1.5	1.5	6.5	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.602	0.491	0.954	0.176	0.108	0.328	0.176	0.176	0.778	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.097								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.05	0.274	1.35	0.	0.211	0.459	0.	0.	0.47	1.35
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.56	0.481	1.4	0.	0.201	0.448	0.	0.01	0.66	1.4

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

Annual Analysis for 1977 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	1.5	11.25	75.	1.5	546.681	23.381	1.5	1.5	8.75	69.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.176	0.507	1.875	0.176	0.375	0.613	0.176	0.176	0.792	1.824
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.215								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.044	0.43	0.	0.017	0.129	0.	0.	0.	0.354
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.625	2.37	0.	0.723	0.85	0.	0.	0.95	2.276

** - 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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8 ##	1.5	2.5	7.	1.5	4.071	2.018	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8 ##	0.176	0.313	0.845	0.176	0.068	0.262	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.056								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	1.57	1.618	3.05	0.	1.447	1.203	**	**	**	**

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

Annual Analysis for 1979 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	9.	8.25	23.	1.5	46.681	6.832	1.5	1.5	10.5	22.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.954	0.749	1.362	0.176	0.193	0.439	0.176	0.176	1.01	1.343
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.604								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.	0.106	0.82	0.	0.083	0.288	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.59	0.649	1.71	0.15	0.229	0.479	**	**	**	**

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

Annual Analysis for 1981 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

Annual Analysis for 1982 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	18	4.	11.306	75.	1.5	356.975	18.894	1.5	1.5	9.	46.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	18	0.602	0.713	1.875	0.176	0.254	0.504	0.176	0.176	0.954	1.658
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.16								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	30	0.	0.166	1.28	0.	0.097	0.311	0.	0.	0.253	0.672
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	30	0.57	0.741	3.38	0.	0.698	0.835	0.	0.075	0.853	2.323

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	24 ##	1.5	3.104	15.	1.5	12.847	3.584	1.5	1.5	1.5	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	24 ##	0.176	0.333	1.176	0.176	0.105	0.324	0.176	0.176	0.176	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.152								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	31	0.	0.123	1.35	0.	0.086	0.292	0.	0.	0.1	0.454
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	31	0.44	0.849	4.93	0.	1.334	1.155	0.	0.	0.95	2.88

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	25 ##	1.5	6.74	75.	1.5	222.44	14.914	1.5	1.5	4.	14.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	25 ##	0.176	0.495	1.875	0.176	0.188	0.434	0.176	0.176	0.602	1.117
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.129								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	35	0.	0.096	0.85	0.	0.059	0.243	0.	0.	0.	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	35	0.24	0.626	3.04	0.	0.702	0.838	0.	0.	1.18	2.226

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

Station Inventory for Station: ASIS0012

NPS Station ID: ASIS0012 LAT/LON: 37.887226/ -75.366115 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10158
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 26.460 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010110200.00 RF3 Mile Point: 3.15 Distance from RF3: 0.31 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	24 ##	1.5	3.521	21.	1.5	18.619	4.315	1.5	1.5	4.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	24 ##	0.176	0.39	1.322	0.176	0.105	0.325	0.176	0.176	0.602	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.455								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	9 ##	1.5	2.433	3.6	1.5	1.225	1.107	1.5	1.5	3.6	3.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	9 ##	0.176	0.345	0.556	0.176	0.04	0.2	0.176	0.176	0.556	0.556
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.213								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	33	0.	0.141	1.35	0.	0.126	0.355	0.	0.	0.03	0.764
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	33	0.61	0.928	3.05	0.	0.882	0.939	0.	0.245	1.3	2.704

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

EPA Water Quality Criteria Analysis for Station: ASIS0012

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	24	0	0.00	5	0	0.00	9	0	0.00	10	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	1.5	2.	4.	1.5	1.25	1.118	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	0.176	0.261	0.602	0.176	0.036	0.19	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.825								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.	0.303	1.28	0.	0.213	0.462	0.	0.	0.715	1.234
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.675	0.882	2.5	0.02	0.53	0.728	0.042	0.465	1.193	2.421

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9 ##	1.5	2.056	4.	1.5	1.215	1.102	1.5	1.5	2.75	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9 ##	0.176	0.271	0.602	0.176	0.035	0.188	0.176	0.176	0.389	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.865								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.	0.161	1.35	0.	0.176	0.42	0.	0.	0.103	1.226
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.435	0.786	3.05	0.	0.998	0.999	0.	0.188	1.048	2.957

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	10	3.5	5.6	21.	1.5	37.711	6.141	1.5	1.5	9.	19.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	10	0.54	0.562	1.322	0.176	0.166	0.407	0.176	0.176	0.954	1.285
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.644								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	13	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.006
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	13	0.63	1.073	3.04	0.	1.163	1.079	0.	0.075	1.9	2.96

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

Station Inventory for Station: ASIS0013

NPS Station ID: ASIS0013 LAT/LON: 37.887782/ -75.372782 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10157
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 25.960 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010143200.01 RF3 Mile Point: 2.80 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	24 ##	1.5	2.833	21.	1.5	17.667	4.203	1.5	1.5	1.5	6.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	24 ##	0.176	0.292	1.322	0.176	0.085	0.292	0.176	0.176	0.176	0.778
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.958								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-11/30/82	25 ##	1.5	5.724	43.	1.5	87.8	9.37	1.5	1.5	6.35	18.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/07/80-11/30/82	25 ##	0.176	0.461	1.633	0.176	0.199	0.446	0.176	0.176	0.758	1.25
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.893								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	49	0.	0.164	1.35	0.	0.114	0.337	0.	0.	0.14	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	49	0.5	0.806	3.11	0.	0.805	0.897	0.	0.22	1.11	2.5

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

EPA Water Quality Criteria Analysis for Station: ASIS0013

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	24	0	0.00	5	0	0.00	9	0	0.00	10	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	15	0.	0.273	1.28	0.	0.164	0.405	0.	0.	0.6	1.004
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	15	0.58	0.716	2.5	0.	0.43	0.656	0.012	0.24	0.86	2.026

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9 ##	1.5	1.778	4.	1.5	0.694	0.833	1.5	1.5	1.5	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	9 ##	0.176	0.223	0.602	0.176	0.02	0.142	0.176	0.176	0.176	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.673								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	15	0.	0.141	1.35	0.	0.119	0.345	0.	0.	0.11	0.72
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	15	0.5	0.858	3.11	0.	1.143	1.069	0.	0.	1.4	3.074

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	10 ##	1.5	4.45	21.	1.5	39.525	6.287	1.5	1.5	5.25	19.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	10 ##	0.176	0.411	1.322	0.176	0.172	0.415	0.176	0.176	0.69	1.285
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.577								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	19	0.	0.096	0.85	0.	0.068	0.26	0.	0.	0.	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	19	0.48	0.835	3.04	0.	0.914	0.956	0.	0.15	1.2	2.84

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

Station Inventory for Station: ASIS0014

NPS Station ID: ASIS0014 LAT/LON: 37.888337/ -75.348892 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10161
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 27.120 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010110200.00 RF3 Mile Point: 3.10 Distance from RF3: 0.08 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	23 ##	1.5	3.391	15.	1.5	14.772	3.843	1.5	1.5	1.5	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	23 ##	0.176	0.355	1.176	0.176	0.122	0.349	0.176	0.176	0.176	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.264								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	9 ##	1.5	3.044	9.1	1.5	6.19	2.488	1.5	1.5	3.6	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	9 ##	0.176	0.39	0.959	0.176	0.079	0.282	0.176	0.176	0.556	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.454								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	32	0.	0.145	1.35	0.	0.129	0.36	0.	0.	0.04	0.778
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	32	0.62	0.946	3.05	0.	0.9	0.949	0.	0.243	1.35	2.738

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

EPA Water Quality Criteria Analysis for Station: ASIS0014

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	23	0	0.00	5	0	0.00	8	0	0.00	10	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	1.5	5.7	15.	1.5	37.575	6.13	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	5 ##	0.176	0.532	1.176	0.176	0.243	0.493	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.402								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.	0.303	1.28	0.	0.213	0.462	0.	0.	0.715	1.234
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.675	0.882	2.5	0.02	0.53	0.728	0.042	0.465	1.193	2.421

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	8 ##	1.5	2.438	9.	1.5	7.031	2.652	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	8 ##	0.176	0.273	0.954	0.176	0.076	0.275	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.877								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.	0.179	1.35	0.	0.195	0.441	0.	0.	0.105	1.35
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.5	0.832	3.05	0.	1.099	1.048	0.	0.125	1.405	3.05

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	10 ##	1.5	3.	9.	1.5	10.	3.162	1.5	1.5	3.375	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	10 ##	0.176	0.332	0.954	0.176	0.108	0.328	0.176	0.176	0.371	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.146								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	13	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.006
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	13	0.63	1.073	3.04	0.	1.163	1.079	0.	0.075	1.9	2.96

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

Station Inventory for Station: ASIS0015

NPS Station ID: ASIS0015 LAT/LON: 37.897226/ -75.379170 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10156
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 24.560 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010109200.00 RF3 Mile Point: 0.41 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/70-08/17/70	1	25.5	25.5	25.5	25.5	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/17/70-08/17/70	1	34.	34.	34.	34.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	67 ##	1.5	6.769	75.	1.5	143.518	11.98	1.5	1.5	4.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	67 ##	0.176	0.518	1.875	0.176	0.202	0.449	0.176	0.176	0.602	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.294								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-10/05/81	15 ##	1.5	2.773	9.1	1.5	5.582	2.363	1.5	1.5	3.6	8.02
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	04/25/77-10/05/81	15 ##	0.176	0.345	0.959	0.176	0.074	0.272	0.176	0.176	0.556	0.902
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.212								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	82	0.	0.107	1.35	0.	0.074	0.271	0.	0.	0.023	0.451
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	82	0.5	0.762	4.93	0.	0.933	0.966	0.	0.015	0.968	2.319

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

EPA Water Quality Criteria Analysis for Station: ASIS0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	67	0	0.00	18	0	0.00	24	0	0.00	25	0	0.00			

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

Annual Analysis for 1969 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

Annual Analysis for 1970 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1	15.	15.	15.	15.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1	1.176	1.176	1.176	1.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	1	0.28	0.28	0.28	0.28	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 box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	3	1.2	1.38	2.4	0.54	0.889	0.943	**	**	**	**

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

Annual Analysis for 1973 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	7	4.	6.357	23.	1.5	60.976	7.809	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	7	0.602	0.578	1.362	0.176	0.207	0.455	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.787								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	7	0.	0.029	0.2	0.	0.006	0.076	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	7	0.09	0.407	2.2	0.	0.637	0.798	**	**	**	**

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

Annual Analysis for 1974 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8 ##	2.75	7.75	39.	1.5	166.071	12.887	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8 ##	0.389	0.557	1.591	0.176	0.259	0.509	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.603								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	8	0.	0.156	0.74	0.	0.081	0.284	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	8	0.395	0.44	1.28	0.	0.175	0.418	**	**	**	**

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

Annual Analysis for 1975 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	4.	8.056	43.	1.5	177.09	13.308	1.5	1.5	6.5	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.602	0.614	1.633	0.176	0.216	0.465	0.176	0.176	0.778	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.11								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.	0.053	0.33	0.	0.013	0.115	0.	0.	0.075	0.33
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.24	0.68	2.11	0.	0.626	0.791	0.	0.015	1.39	2.11

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

Annual Analysis for 1976 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	4.	5.556	23.	1.5	48.653	6.975	1.5	1.5	6.5	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.602	0.536	1.362	0.176	0.173	0.417	0.176	0.176	0.778	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.438								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.05	0.274	1.35	0.	0.211	0.459	0.	0.	0.47	1.35
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.56	0.481	1.4	0.	0.201	0.448	0.	0.01	0.66	1.4

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

Annual Analysis for 1977 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	2.75	11.75	75.	1.5	536.958	23.172	1.5	1.5	8.75	69.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.389	0.592	1.875	0.176	0.345	0.587	0.176	0.176	0.792	1.824
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.911								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	11	0.	0.044	0.43	0.	0.017	0.129	0.	0.	0.	0.354
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	11	0.	0.625	2.37	0.	0.723	0.85	0.	0.	0.95	2.276

** - 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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8 ##	1.5	2.	4.	1.5	0.929	0.964	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8 ##	0.176	0.267	0.602	0.176	0.029	0.172	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.849								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	8	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	8	1.57	1.618	3.05	0.	1.447	1.203	**	**	**	**

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

Annual Analysis for 1979 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	2.75	6.85	23.	1.5	69.447	8.333	1.5	1.5	12.	22.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.389	0.572	1.362	0.176	0.235	0.485	0.176	0.176	1.046	1.358
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.735								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.	0.094	0.82	0.	0.074	0.272	0.	0.	0.015	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.5	0.632	1.71	0.15	0.203	0.45	0.15	0.36	0.715	1.71

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

Annual Analysis for 1981 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	3	0.	0.083	0.25	0.	0.021	0.144	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	3	0.58	0.48	0.86	0.	0.192	0.439	**	**	**	**

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	18	4.	12.778	75.	1.5	355.859	18.864	1.5	1.5	23.	42.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	18	0.602	0.751	1.875	0.176	0.31	0.557	0.176	0.176	1.362	1.619
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.643								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	25	0.	0.157	1.28	0.	0.102	0.319	0.	0.	0.225	0.736
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	25	0.58	0.809	3.38	0.	0.796	0.892	0.	0.06	0.94	2.422

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	24 ##	1.5	3.458	21.	1.5	18.781	4.334	1.5	1.5	4.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	24 ##	0.176	0.377	1.322	0.176	0.107	0.327	0.176	0.176	0.602	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.385								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	28	0.	0.119	1.35	0.	0.093	0.306	0.	0.	0.038	0.496
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	28	0.47	0.796	4.93	0.	1.23	1.109	0.	0.	0.92	2.285

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	25 ##	1.5	5.62	43.	1.5	85.193	9.23	1.5	1.5	4.	18.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	25 ##	0.176	0.484	1.633	0.176	0.172	0.414	0.176	0.176	0.602	1.25
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.05								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	29	0.	0.053	0.74	0.	0.03	0.174	0.	0.	0.	0.15
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	29	0.23	0.689	3.04	0.	0.822	0.907	0.	0.	1.2	2.4

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

Station Inventory for Station: ASIS0016

NPS Station ID: ASIS0016 LAT/LON: 37.897226/ -75.390281 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10154
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 12.330 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010109100.00 RF3 Mile Point: 0.26 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	49	4.	10.429	93.	1.5	366.406	19.142	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	49	0.602	0.664	1.968	0.176	0.25	0.5	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.615								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	10 ##	2.55	7.59	43.	1.5	163.968	12.805	1.5	1.5	9.1	39.61
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	10 ##	0.366	0.554	1.633	0.176	0.245	0.495	0.176	0.176	0.959	1.566
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.585								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	59	0.	0.173	2.25	0.	0.222	0.471	0.	0.	0.	0.79
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	59	0.6	1.012	5.75	0.	1.39	1.179	0.	0.15	1.5	2.84

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

EPA Water Quality Criteria Analysis for Station: ASIS0016

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	49	0	0.00	17	0	0.00	16	0	0.00	16	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	17	4.	18.147	93.	1.5	920.961	30.347	1.5	1.5	23.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	17	0.602	0.752	1.968	0.176	0.431	0.657	0.176	0.176	1.362	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.646								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	22	0.	0.276	2.25	0.	0.326	0.571	0.	0.	0.358	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	22	0.61	0.86	3.75	0.	0.87	0.933	0.006	0.235	0.99	2.425

** - 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 box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	16 ##	1.5	4.281	23.	1.5	29.999	5.477	1.5	1.5	4.	13.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	16 ##	0.176	0.447	1.362	0.176	0.134	0.366	0.176	0.176	0.602	1.076
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.8								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	17	0.	0.125	1.35	0.	0.115	0.339	0.	0.	0.075	0.678
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	17	0.5	0.973	3.05	0.	1.26	1.122	0.	0.015	1.87	3.034

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	16	5.5	8.375	23.	1.5	47.817	6.915	1.5	4.	12.75	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	16	0.724	0.788	1.362	0.176	0.13	0.361	0.176	0.602	1.098	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.138								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	20	0.	0.101	2.	0.	0.2	0.447	0.	0.	0.	0.009
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	20	0.62	1.211	5.75	0.	2.152	1.467	0.	0.038	2.175	3.02

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

Station Inventory for Station: ASIS0017

NPS Station ID: ASIS0017 LAT/LON: 37.897504/ -75.405837 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1013B
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 11.590 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0017

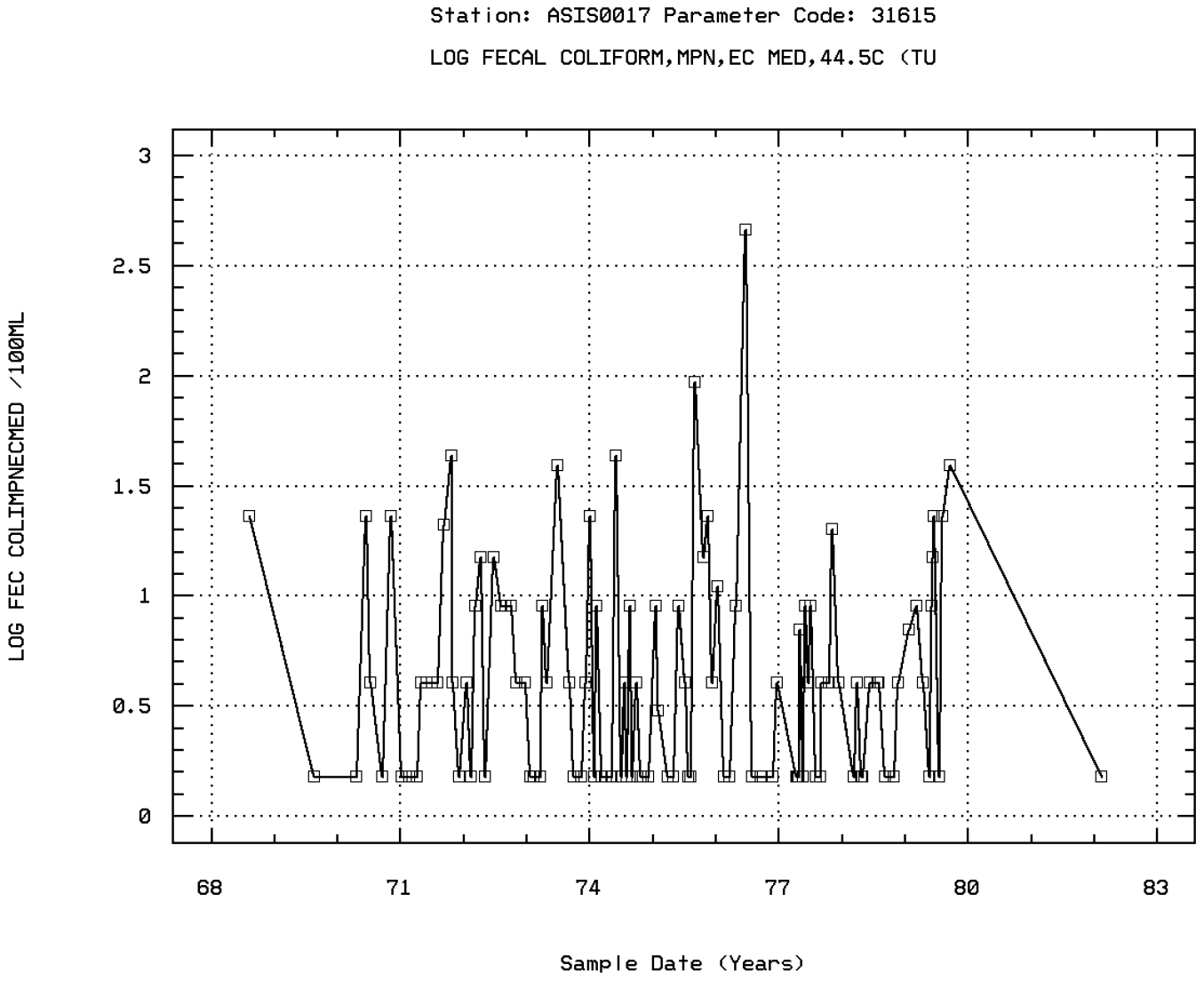
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	111	4.	11.815	460.	1.5	1989.427	44.603	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	111	0.602	0.622	2.663	0.176	0.246	0.496	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.188								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	29 ##	1.5	4.245	23.	1.5	25.555	5.055	1.5	1.5	5.4	11.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	29 ##	0.176	0.435	1.362	0.176	0.141	0.376	0.176	0.176	0.707	1.041
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.722								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	138	0.	0.14	2.25	0.	0.118	0.343	0.	0.	0.05	0.528
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	138	0.5	0.854	5.75	0.	1.18	1.086	0.	0.028	1.2	2.41

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

EPA Water Quality Criteria Analysis for Station: ASIS0017

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	111	1	0.01	40	0	0.00	36	1	0.03	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



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Annual Analysis for 1968 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	1	23.	23.	23.	23.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	1	1.362	1.362	1.362	1.362	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	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 box-and-whisker plot

Annual Analysis for 1969 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

Annual Analysis for 1970 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	5	4.	10.6	23.	1.5	129.175	11.366	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	5	0.602	0.736	1.362	0.176	0.357	0.597	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.439								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	11	4.	8.182	43.	1.5	164.264	12.817	1.5	1.5	4.	38.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	11	0.602	0.606	1.633	0.176	0.231	0.48	0.176	0.176	0.602	1.571
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.04								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	11	9.	7.364	15.	1.5	23.005	4.796	1.5	4.	9.	15.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	11	0.954	0.757	1.176	0.176	0.125	0.354	0.176	0.602	0.954	1.176
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.715								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

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

Annual Analysis for 1973 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	10 ##	2.75	6.75	39.	1.5	133.958	11.574	1.5	1.5	5.25	36.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	10 ##	0.389	0.523	1.591	0.176	0.216	0.465	0.176	0.176	0.69	1.527
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.336								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	10	0.	0.172	1.	0.	0.113	0.336	0.	0.	0.28	0.952
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	10	0.145	0.671	2.58	0.	0.975	0.987	0.	0.	1.51	2.542

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

Annual Analysis for 1974 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	16 ##	1.5	6.688	43.	1.5	125.263	11.192	1.5	1.5	7.75	29.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	16 ##	0.176	0.492	1.633	0.176	0.234	0.484	0.176	0.176	0.866	1.443
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.103								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	12	4.	13.833	93.	1.5	665.333	25.794	1.5	1.5	13.5	72.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	12	0.602	0.733	1.968	0.176	0.323	0.569	0.176	0.176	1.121	1.786
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.412								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	9 ##	1.5	54.611	460.	1.5	23123.486	152.064	1.5	1.5	10.	460.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	9 ##	0.176	0.682	2.663	0.176	0.677	0.823	0.176	0.176	0.998	2.663
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.812								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	9	0.03	0.124	0.68	0.	0.051	0.225	0.	0.	0.18	0.68
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	9	0.56	0.489	1.4	0.	0.193	0.439	0.	0.045	0.66	1.4

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

Annual Analysis for 1977 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	14	4.	5.	20.	1.5	26.038	5.103	1.5	1.5	7.5	14.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	14	0.602	0.537	1.301	0.176	0.14	0.375	0.176	0.176	0.872	1.128
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.444								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	13	0.	0.098	0.79	0.	0.057	0.239	0.	0.	0.025	0.646
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	13	0.	0.515	2.37	0.	0.627	0.792	0.	0.	0.825	2.182

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

Annual Analysis for 1978 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	10 ##	2.75	2.75	4.	1.5	1.736	1.318	1.5	1.5	4.	4.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	10 ##	0.389	0.389	0.602	0.176	0.05	0.225	0.176	0.176	0.602	0.602
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	10	9.	13.2	39.	1.5	143.678	11.987	1.5	3.375	23.	37.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	10	0.954	0.92	1.591	0.176	0.236	0.486	0.176	0.496	1.362	1.568
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.315								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0017

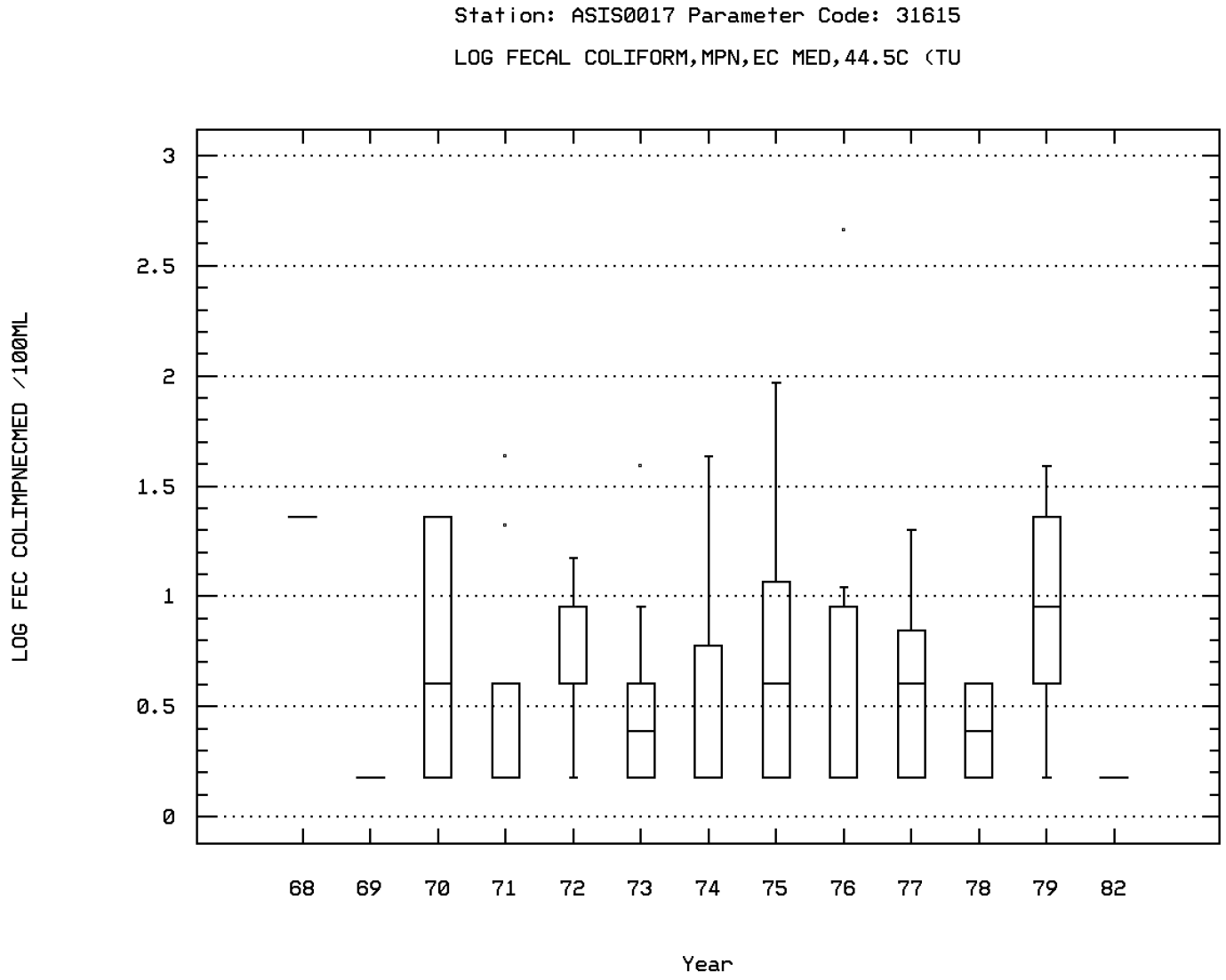
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

Annual Analysis for 1982 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	40	4.	6.738	43.	1.5	75.551	8.692	1.5	1.5	9.	22.7
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	40	0.602	0.585	1.633	0.176	0.191	0.437	0.176	0.176	0.954	1.356
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.844								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	50	0.	0.178	2.25	0.	0.165	0.406	0.	0.	0.213	0.672
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	50	0.55	0.82	4.17	0.	1.019	1.01	0.	0.03	0.98	2.361

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0017

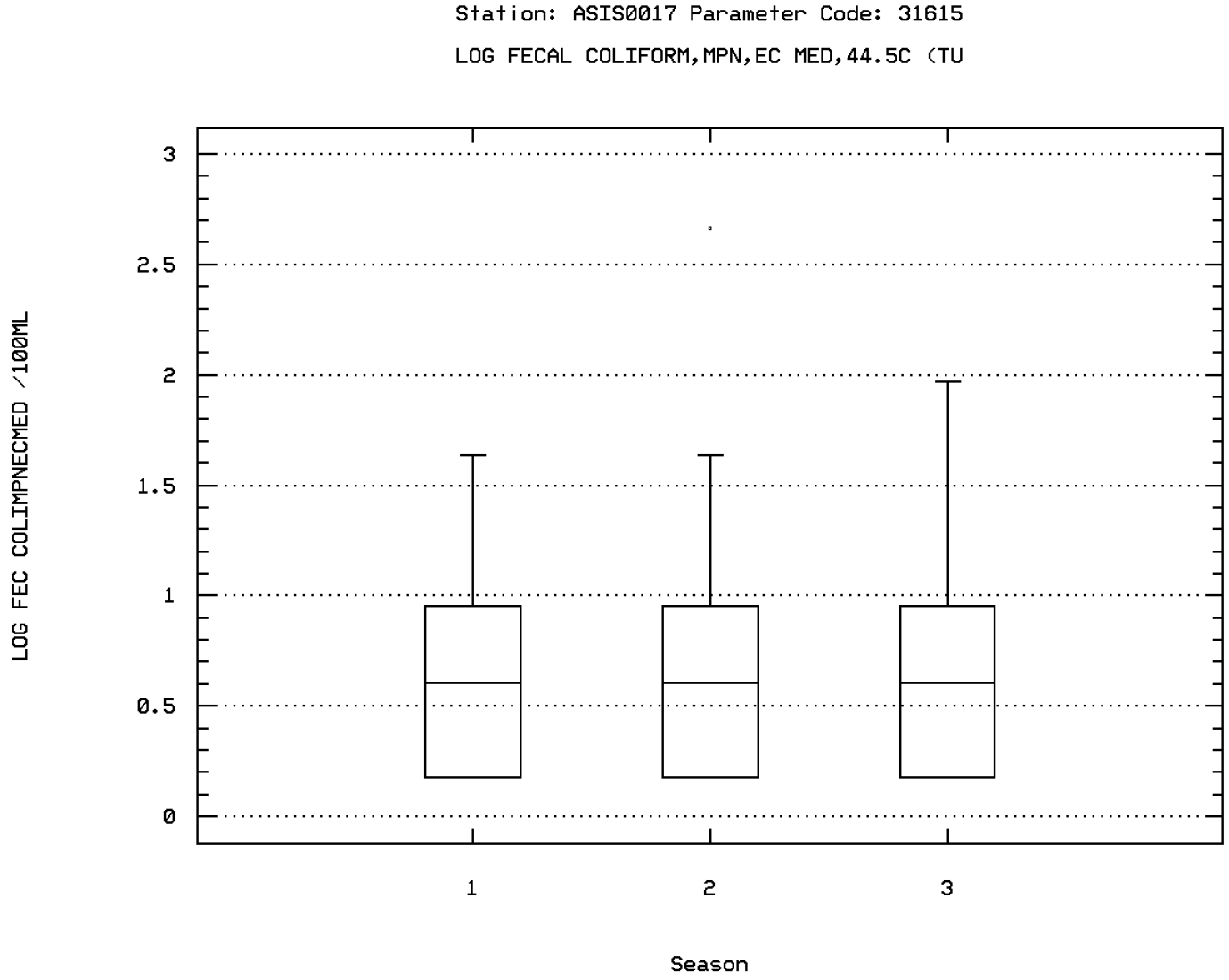
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	36	4.	19.389	460.	1.5	5778.587	76.017	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	36	0.602	0.644	2.663	0.176	0.313	0.56	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.409								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	42	0.	0.107	1.	0.	0.052	0.227	0.	0.	0.103	0.451
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	42	0.55	0.994	4.93	0.	1.362	1.167	0.	0.	1.658	2.961

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	35	4.	9.829	93.	1.5	306.043	17.494	1.5	1.5	9.	29.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-02/11/82	35	0.602	0.642	1.968	0.176	0.253	0.503	0.176	0.176	0.954	1.453
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.381								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-11/30/82	46	0.4	0.763	5.75	0.	1.213	1.102	0.	0.03	1.2	2.4

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0018

NPS Station ID: ASIS0018 LAT/LON: 37.897781/ -75.395003 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10155
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 12.480 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010109200.00 RF3 Mile Point: 0.36 Distance from RF3: 0.09 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0018

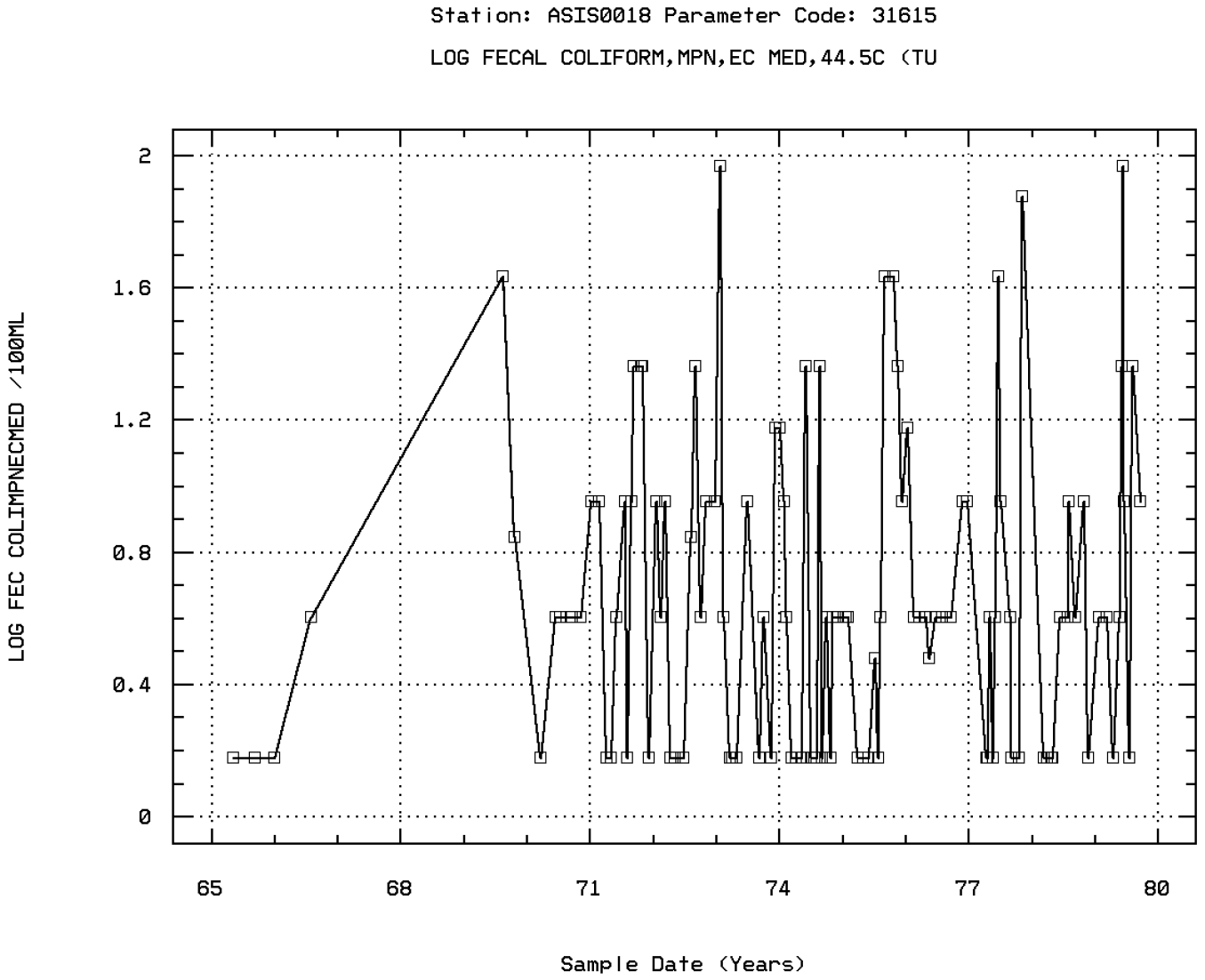
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	10/20/69-09/01/71	5	32.4	32.36	33.8	31.1	1.283	1.133	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	113	4.	9.336	93.	1.5	250.725	15.834	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	113	0.602	0.657	1.968	0.176	0.224	0.473	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.541								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-11/30/82	31 ##	1.5	5.419	43.	1.5	79.837	8.935	1.5	1.5	3.6	20.22
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	04/25/77-11/30/82	31 ##	0.176	0.447	1.633	0.176	0.185	0.43	0.176	0.176	0.556	1.281
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.796								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	140	0.	0.138	2.25	0.	0.123	0.351	0.	0.	0.045	0.519
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	140	0.5	0.858	5.75	0.	1.17	1.082	0.	0.005	1.2	2.4

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

EPA Water Quality Criteria Analysis for Station: ASIS0018

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	113	0	0.00	40	0	0.00	37	0	0.00	36	0	0.00			

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Annual Analysis for 1965 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								

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

Annual Analysis for 1966 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1969 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	25.	25.	43.	7.	648.	25.456	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	1.239	1.239	1.633	0.845	0.311	0.557	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.349								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	4.	3.5	4.	1.5	1.25	1.118	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	0.602	0.517	0.602	0.176	0.036	0.19	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.288								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	9.	9.583	23.	1.5	75.811	8.707	1.5	1.5	19.5	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.954	0.767	1.362	0.176	0.239	0.489	0.176	0.176	1.26	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.853								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.397	2.25	0.	0.676	0.822	0.	0.	0.383	2.175
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.355	1.334	5.75	0.	3.566	1.888	0.	0.	2.663	5.15

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

Annual Analysis for 1972 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	7.	7.136	23.	1.5	38.055	6.169	1.5	1.5	9.	20.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.845	0.705	1.362	0.176	0.156	0.395	0.176	0.176	0.954	1.28
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.071								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

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

Annual Analysis for 1973 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10 ##	2.75	13.25	93.	1.5	804.736	28.368	1.5	1.5	10.5	85.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10 ##	0.389	0.618	1.968	0.176	0.358	0.599	0.176	0.176	1.01	1.889
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.153								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.172	1.	0.	0.113	0.336	0.	0.	0.28	0.952
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.145	0.671	2.58	0.	0.975	0.987	0.	0.	1.51	2.542

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

Annual Analysis for 1974 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16 ##	2.75	6.125	23.	1.5	56.383	7.509	1.5	1.5	7.75	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16 ##	0.389	0.542	1.362	0.176	0.2	0.447	0.176	0.176	0.866	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.483								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	4.	11.583	43.	1.5	251.265	15.851	1.5	1.5	19.5	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.602	0.714	1.633	0.176	0.311	0.558	0.176	0.176	1.26	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.179								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	4.	6.	15.	3.	14.667	3.83	3.1	4.	9.	14.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.602	0.717	1.176	0.477	0.051	0.226	0.49	0.602	0.954	1.154
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.217								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.575	0.51	1.4	0.	0.187	0.432	0.	0.015	0.71	1.337

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

Annual Analysis for 1977 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	4.	13.318	75.	1.5	566.314	23.797	1.5	1.5	9.	68.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.602	0.65	1.875	0.176	0.369	0.607	0.176	0.176	0.954	1.827
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.466								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.044	0.43	0.	0.017	0.129	0.	0.	0.	0.354
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.625	2.37	0.	0.723	0.85	0.	0.	0.95	2.276

** - 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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10 ##	2.75	3.75	9.	1.5	8.958	2.993	1.5	1.5	5.25	9.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10 ##	0.389	0.46	0.954	0.176	0.106	0.325	0.176	0.176	0.69	0.954
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.881								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	6.5	17.2	93.	1.5	773.678	27.815	1.5	3.375	23.	86.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.778	0.876	1.968	0.176	0.32	0.566	0.176	0.496	1.362	1.908
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.514								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

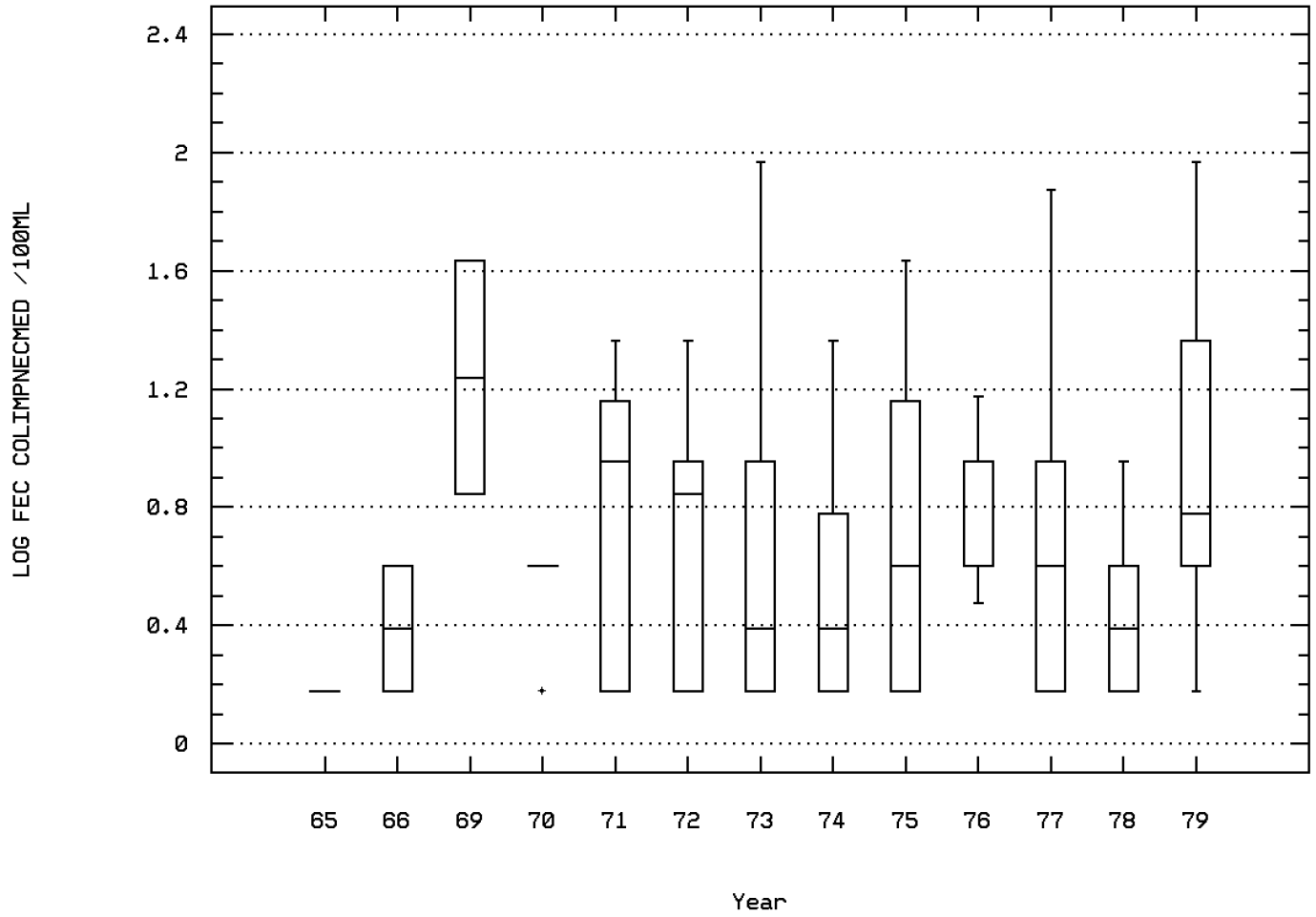
Annual Analysis for 1982 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.186	0.8	0.	0.079	0.281	0.	0.	0.35	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Station: ASIS0018 Parameter Code: 31615

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	40	8.	12.175	93.	1.5	348.456	18.667	1.5	4.	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	40	0.9	0.812	1.968	0.176	0.215	0.464	0.176	0.602	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.48								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	51	0.	0.15	2.25	0.	0.153	0.392	0.	0.	0.05	0.574
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	51	0.56	0.822	4.17	0.	0.996	0.998	0.	0.03	0.98	2.352

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0018

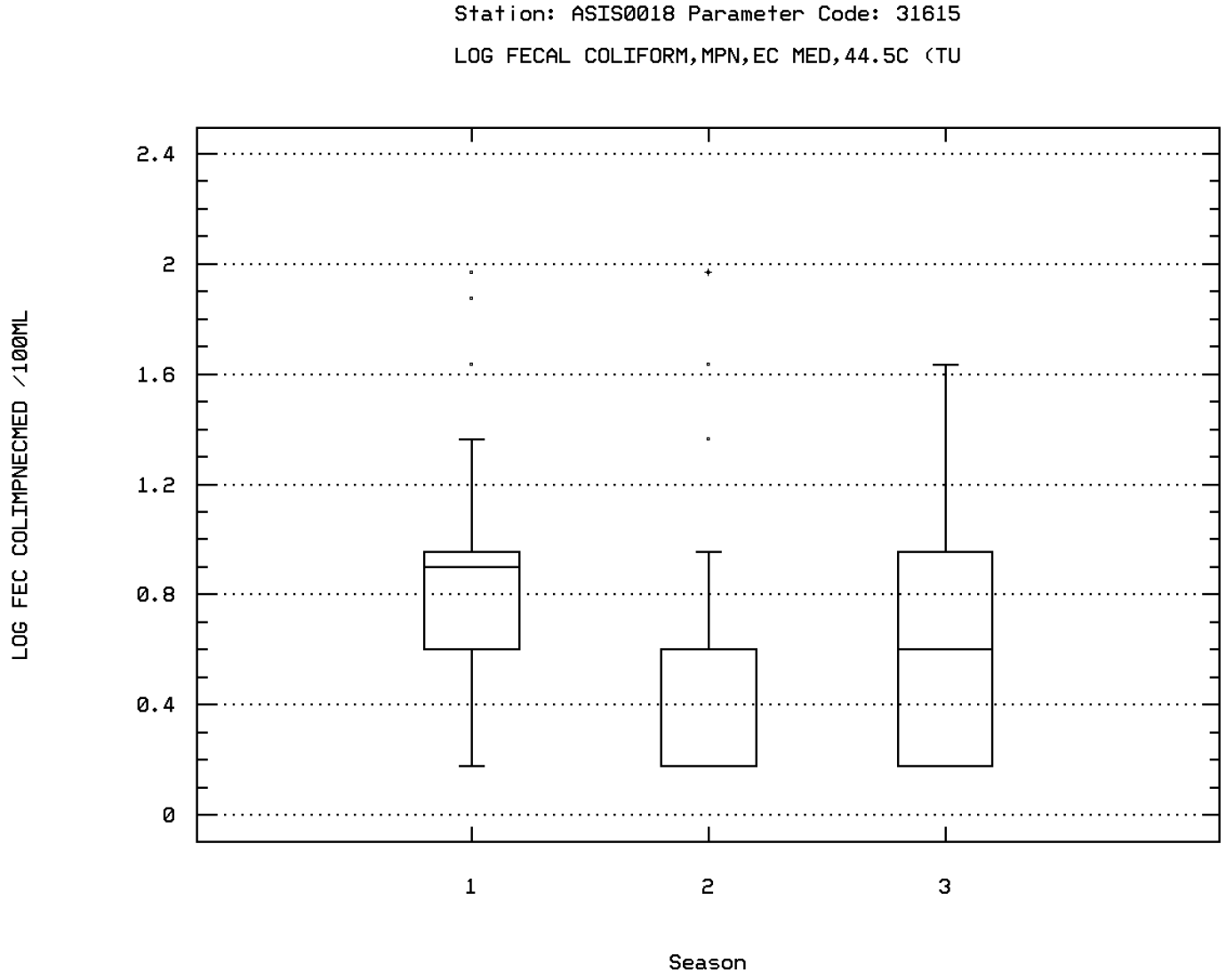
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37 ##	1.5	7.108	93.	1.5	276.946	16.642	1.5	1.5	4.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37 ##	0.176	0.461	1.968	0.176	0.208	0.456	0.176	0.176	0.602	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.889								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	43	0.	0.134	1.35	0.	0.087	0.294	0.	0.	0.11	0.49
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	43	0.6	0.992	4.93	0.	1.329	1.153	0.	0.	1.62	2.938

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	4.	8.472	43.	1.5	113.956	10.675	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	0.602	0.687	1.633	0.176	0.194	0.441	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.869								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.772	5.75	0.	1.241	1.114	0.	0.	1.22	2.4

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0019

NPS Station ID: ASIS0019 LAT/LON: 37.898615/ -75.370837 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10153
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 26.310 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010108300.00 RF3 Mile Point: 0.00 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	101	4.	10.649	240.	1.5	646.648	25.429	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	101	0.602	0.672	2.38	0.176	0.242	0.491	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.704								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-10/05/81	11	3.6	7.227	43.	1.5	149.018	12.207	1.5	1.5	9.1	36.22
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	04/25/77-10/05/81	11	0.556	0.555	1.633	0.176	0.221	0.47	0.176	0.176	0.959	1.499
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.586								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	108	0.	0.131	2.25	0.	0.138	0.371	0.	0.	0.	0.465
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	108	0.535	0.919	5.75	0.	1.331	1.154	0.	0.	1.26	2.53

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

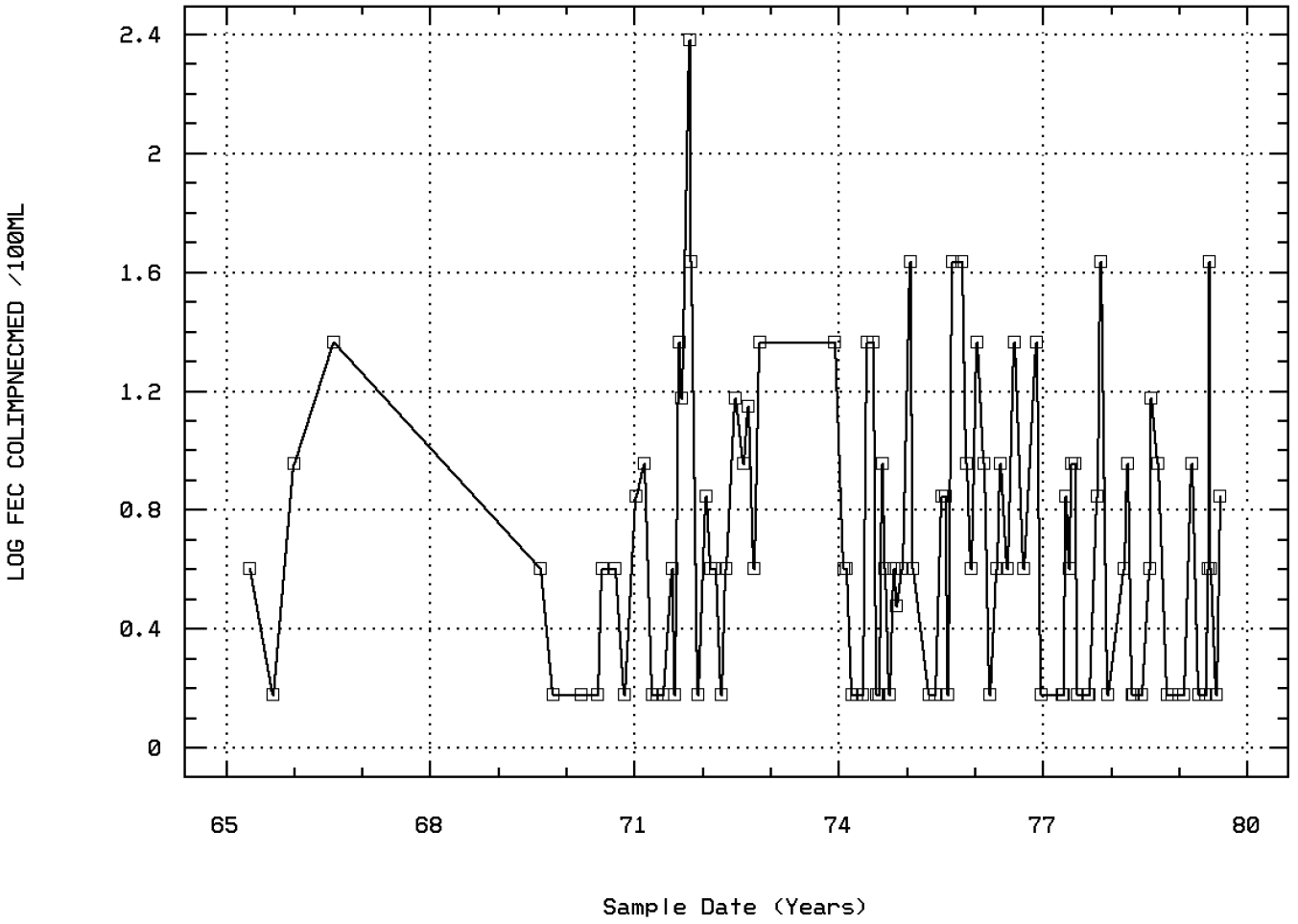
EPA Water Quality Criteria Analysis for Station: ASIS0019

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	101	1	0.01	36	1	0.03	33	0	0.00	32	0	0.00			

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

Station: ASIS0019 Parameter Code: 31615

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



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Annual Analysis for 1965 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								

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

Annual Analysis for 1966 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	2	16.	16.	23.	9.	98.	9.899	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	2	1.158	1.158	1.362	0.954	0.083	0.288	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.387								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1969 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	5 ##	1.5	2.5	4.	1.5	1.875	1.369	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	5 ##	0.176	0.346	0.602	0.176	0.054	0.233	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.221								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	12	5.5	29.042	240.	1.5	4567.203	67.581	1.5	1.5	21.	180.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	12	0.724	0.819	2.38	0.176	0.514	0.717	0.176	0.176	1.315	2.156
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.599								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.	0.397	2.25	0.	0.676	0.822	0.	0.	0.383	2.175
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.355	1.334	5.75	0.	3.566	1.888	0.	0.	2.663	5.15

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

Annual Analysis for 1972 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	10	5.5	8.55	23.	1.5	46.136	6.792	1.75	4.	14.25	22.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	10	0.724	0.807	1.362	0.176	0.128	0.357	0.219	0.602	1.154	1.343
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.409								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	1.09	1.376	3.03	0.03	0.927	0.963	0.081	0.615	2.4	2.967

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

Annual Analysis for 1973 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	1	23.	23.	23.	23.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	1	1.362	1.362	1.362	1.362	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Annual Analysis for 1974 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	15	4.	5.8	23.	1.5	52.636	7.255	1.5	1.5	4.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	15	0.602	0.548	1.362	0.176	0.167	0.409	0.176	0.176	0.602	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.533								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	0.	0.105	0.74	0.	0.047	0.218	0.	0.	0.08	0.572
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	0.43	0.826	4.17	0.	1.284	1.133	0.	0.	1.28	2.868

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

Annual Analysis for 1975 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	11	7.	14.955	43.	1.5	330.473	18.179	1.5	1.5	43.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	11	0.845	0.843	1.633	0.176	0.334	0.578	0.176	0.176	1.633	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.972								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.	0.08	0.33	0.	0.019	0.137	0.	0.	0.193	0.329
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.535	0.791	2.28	0.	0.754	0.868	0.	0.023	1.413	2.263

** - 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 box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	10	6.5	10.2	23.	1.5	84.567	9.196	1.5	3.375	23.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	10	0.778	0.815	1.362	0.176	0.21	0.458	0.176	0.496	1.362	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.534								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

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

Annual Analysis for 1977 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	12 ##	2.75	7.333	43.	1.5	135.742	11.651	1.5	1.5	8.5	32.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	12 ##	0.389	0.574	1.633	0.176	0.228	0.478	0.176	0.176	0.927	1.43
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.752								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

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

Annual Analysis for 1978 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	10 ##	2.75	4.85	15.	1.5	21.669	4.655	1.5	1.5	9.	14.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	10 ##	0.389	0.517	1.176	0.176	0.157	0.396	0.176	0.176	0.954	1.154
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.288								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	9	4.	8.111	43.	1.5	178.486	13.36	1.5	1.5	8.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	9	0.602	0.593	1.633	0.176	0.247	0.496	0.176	0.176	0.9	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.922								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.	0.246	1.28	0.	0.223	0.472	0.	0.	0.465	1.28
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.37	1.38	4.93	0.	3.41	1.847	0.	0.	3.11	4.93

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

Annual Analysis for 1980 - Station ASIS0019

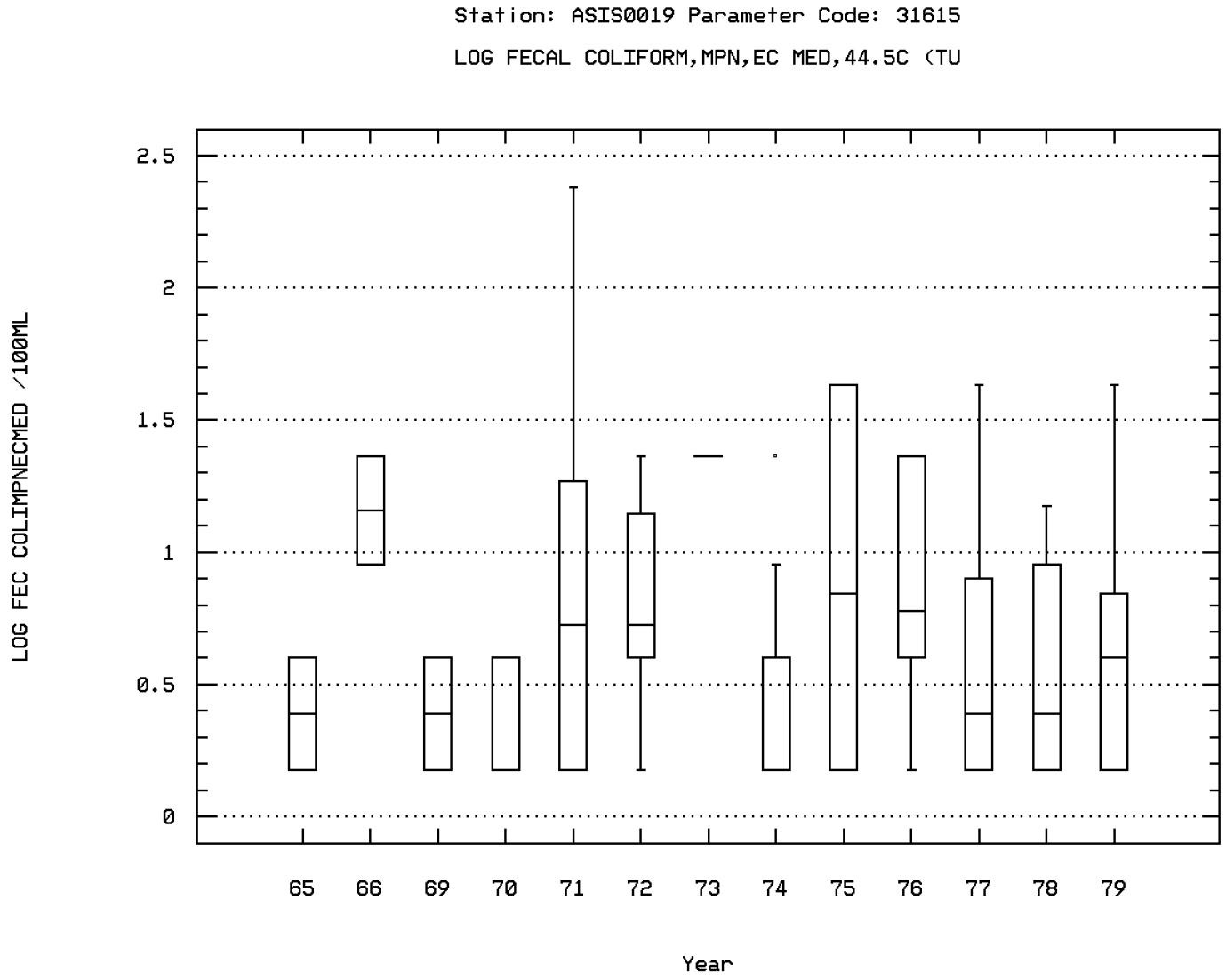
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.	0.119	0.82	0.	0.096	0.309	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.48	0.571	1.71	0.15	0.29	0.538	**	**	**	**

** - 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 box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.	0.083	0.25	0.	0.021	0.144	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.58	0.48	0.86	0.	0.192	0.439	**	**	**	**

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	36	4.	17.292	240.	1.5	1630.663	40.381	1.5	1.875	19.5	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	36	0.602	0.81	2.38	0.176	0.303	0.551	0.176	0.251	1.26	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.452								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	40	0.	0.179	2.25	0.	0.193	0.44	0.	0.	0.073	0.779
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	40	0.585	0.927	4.17	0.	1.2	1.095	0.	0.03	1.088	2.487

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0019

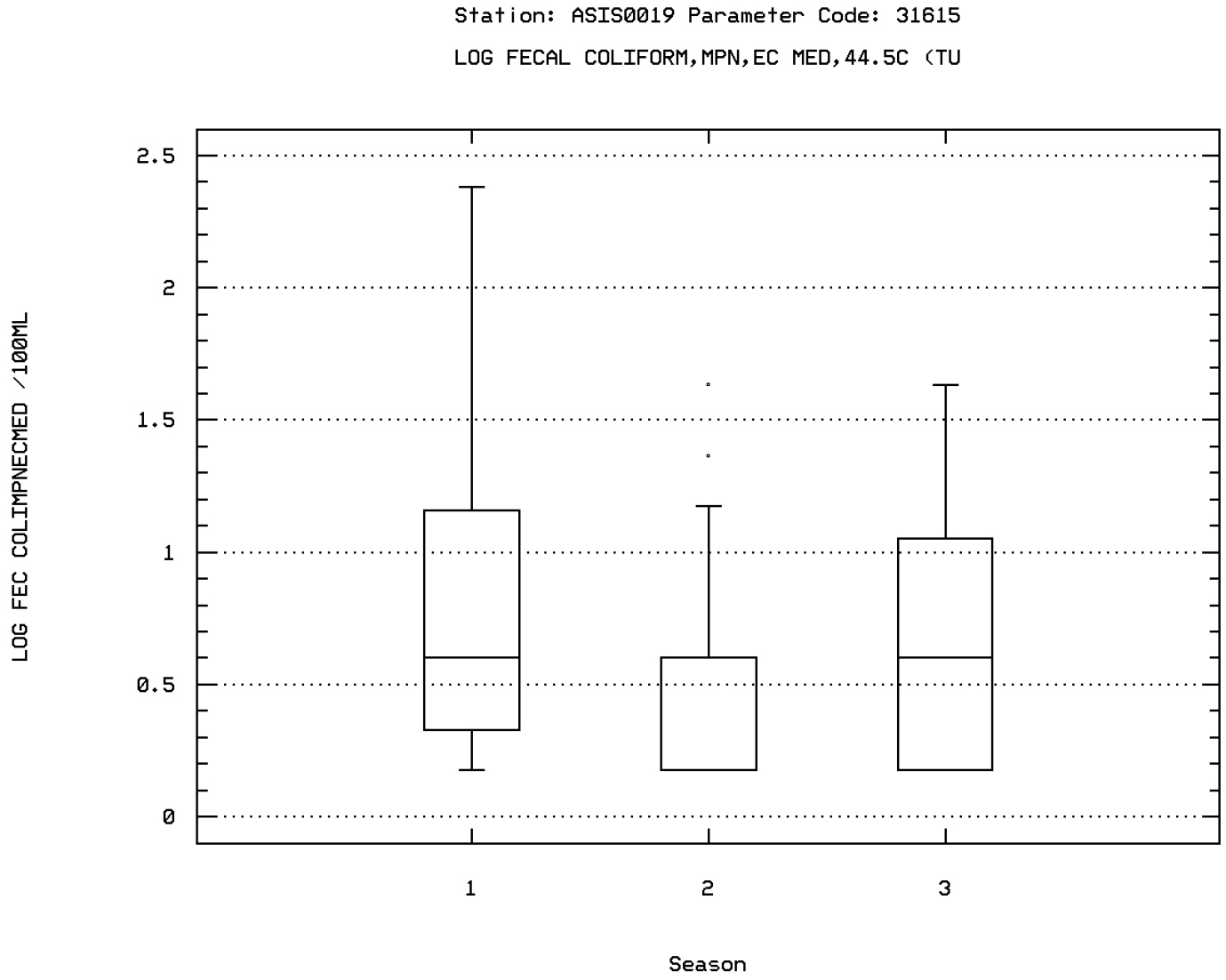
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	33 ##	1.5	5.424	43.	1.5	67.424	8.211	1.5	1.5	5.5	12.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	33 ##	0.176	0.491	1.633	0.176	0.168	0.41	0.176	0.176	0.724	1.087
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.101								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	33	0.	0.124	1.35	0.	0.085	0.292	0.	0.	0.075	0.49
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	33	0.5	0.918	4.93	0.	1.371	1.171	0.	0.	1.41	2.938

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	32	4.	8.563	43.	1.5	90.496	9.513	1.5	1.5	12.75	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	32	0.602	0.705	1.633	0.176	0.205	0.453	0.176	0.176	1.098	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.068								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	35	0.	0.084	2.	0.	0.127	0.357	0.	0.	0.	0.09
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	35	0.43	0.911	5.75	0.	1.522	1.234	0.	0.	1.4	2.576

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



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Station Inventory for Station: ASIS0020

NPS Station ID: ASIS0020 LAT/LON: 37.898893/ -75.420281 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1011
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 9.600 Distance from RF1: 15.30 On/Off RF1: OFF
RF3 Index: 02060010123101.91 RF3 Mile Point: 1.95 Distance from RF3: 0.18 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	145	16.	15.624	34.7	0.	62.101	7.88	4.52	8.9	22.9	25.08
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	145	33.4	33.026	39.5	0.	20.857	4.567	30.52	32.1	35.	36.58
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	115	4.	8.452	93.	1.5	166.868	12.918	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	115	0.602	0.632	1.968	0.176	0.222	0.471	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.286								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	29	3.6	4.745	23.	1.5	31.158	5.582	1.5	1.5	3.6	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	29	0.556	0.504	1.362	0.176	0.126	0.356	0.176	0.176	0.556	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.192								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	142	0.	0.145	2.25	0.	0.125	0.354	0.	0.	0.05	0.576
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	142	0.5	0.909	9.1	0.	1.667	1.291	0.	0.	1.258	2.47

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

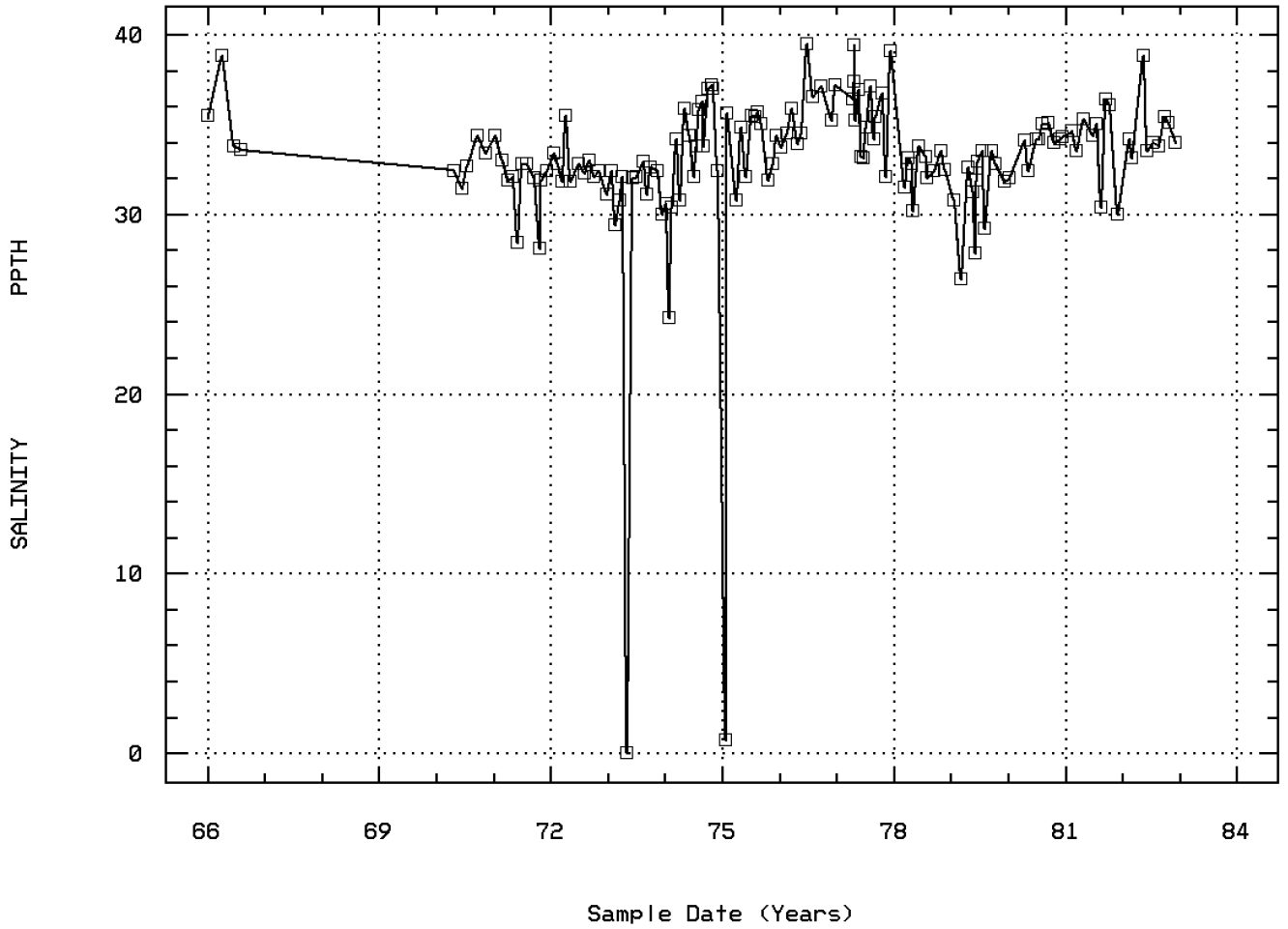
EPA Water Quality Criteria Analysis for Station: ASIS0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	115	0	0.00	40	0	0.00	40	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: ASIS0020 Parameter Code: 00480

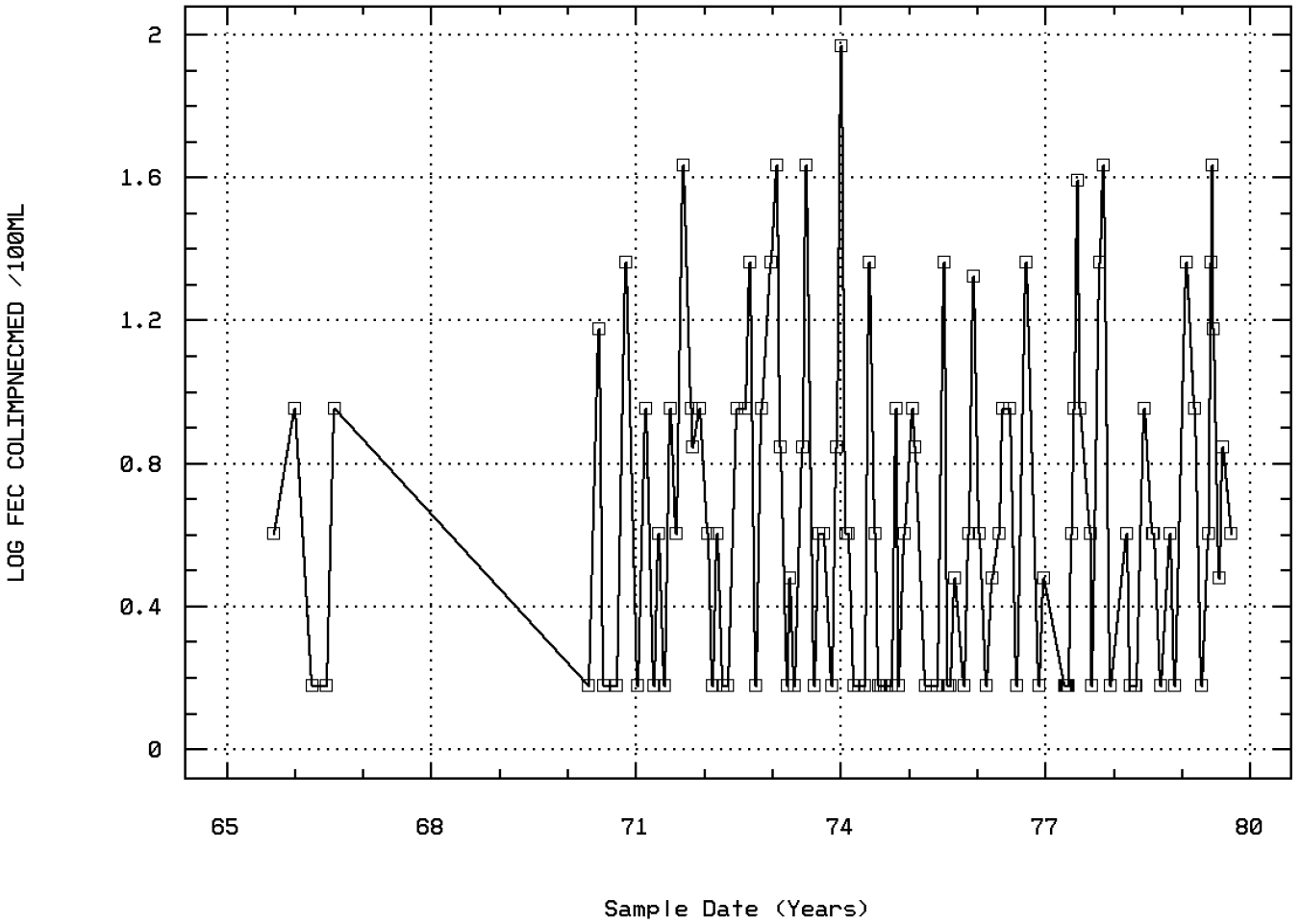
SALINITY - PARTS PER THOUSAND



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Station: ASIS0020 Parameter Code: 31615

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Annual Analysis for 1965 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.								

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

Annual Analysis for 1966 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	4	21.7	19.15	25.	8.2	56.137	7.492	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	4	34.65	35.425	38.8	33.6	5.789	2.406	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	4 ##	5.25	5.25	9.	1.5	18.75	4.33	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	4 ##	0.565	0.565	0.954	0.176	0.202	0.449	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.674								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.5	0.65	1.6	0.	0.623	0.79	**	**	**	**

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Annual Analysis for 1970 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	5	21.1	17.82	23.9	8.9	49.847	7.06	**	**	**	**
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	5	32.7	32.86	34.4	31.4	1.258	1.122	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	5 ##	1.5	8.5	23.	1.5	99.875	9.994	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	5 ##	0.176	0.613	1.362	0.176	0.363	0.602	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.104								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

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Annual Analysis for 1971 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	11	14.4	13.3	25.5	2.2	48.478	6.963	2.82	6.7	18.8	24.4
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	11	32.1	31.8	34.4	28.1	3.596	1.896	28.16	31.9	32.8	34.12
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	11	7.	8.955	43.	1.5	137.873	11.742	1.5	1.5	9.	36.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	11	0.845	0.73	1.633	0.176	0.198	0.445	0.176	0.176	0.954	1.498
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.368								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

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Annual Analysis for 1972 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	11	16.	13.591	24.4	4.4	53.121	7.288	4.54	5.6	19.1	23.86
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	11	32.4	32.636	35.5	31.1	1.319	1.148	31.24	31.8	33.	35.08
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	11	4.	7.909	23.	1.5	65.391	8.086	1.5	1.5	9.	23.

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Annual Analysis for 1972 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	11	0.602	0.681	1.362	0.176	0.218	0.467	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.801								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	1.2	1.578	3.03	0.54	0.942	0.97	0.552	0.64	2.4	3.03

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Annual Analysis for 1973 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	12	12.4	14.683	28.5	0.	85.036	9.221	1.65	7.375	23.7	27.45
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	12	32.05	28.983	32.9	0.	84.483	9.191	8.82	30.2	32.4	32.81
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	4.	10.333	43.	1.5	237.606	15.414	1.5	1.5	7.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	0.602	0.682	1.633	0.176	0.27	0.52	0.176	0.176	0.845	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.812								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.156	1.	0.	0.104	0.323	0.	0.	0.2	0.904
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.06	0.375	2.2	0.	0.507	0.712	0.	0.	0.3	2.016

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Annual Analysis for 1974 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	16	16.2	14.606	27.	1.	75.705	8.701	1.07	5.575	22.45	26.02
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	16	34.	33.494	37.2	24.2	11.569	3.401	28.54	31.125	36.2	37.06
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	16 ##	1.5	9.656	93.	1.5	523.424	22.878	1.5	1.5	4.	44.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	16 ##	0.176	0.517	1.968	0.176	0.272	0.522	0.176	0.176	0.602	1.544
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.291								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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Annual Analysis for 1975 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	12	16.	14.583	24.7	0.	69.322	8.326	0.75	8.95	23.	24.37
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	12	34.6	31.225	35.7	0.7	95.24	9.759	9.73	31.95	35.475	35.67
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12 ##	2.25	6.333	23.	1.5	59.742	7.729	1.5	1.5	8.5	22.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12 ##	0.327	0.552	1.362	0.176	0.214	0.462	0.176	0.176	0.927	1.35
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.561								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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Annual Analysis for 1976 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	10	13.05	13.49	25.8	1.4	64.405	8.025	1.76	7.025	20.65	25.39
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	10	35.55	35.8	39.5	33.7	3.289	1.814	33.72	34.35	37.125	39.27

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Annual Analysis for 1976 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	3.5	5.95	23.	1.5	43.747	6.614	1.5	1.5	9.	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	0.54	0.596	1.362	0.176	0.156	0.394	0.176	0.176	0.954	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.942								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

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Annual Analysis for 1977 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	14	17.6	17.35	24.2	4.1	35.975	5.998	7.35	12.35	23.1	24.05
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	14	35.9	35.786	39.4	32.1	4.792	2.189	32.6	33.95	37.175	39.25
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	13	4.	10.769	43.	1.5	216.567	14.716	1.5	1.5	16.	41.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	13	0.602	0.673	1.633	0.176	0.324	0.569	0.176	0.176	1.158	1.617
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.715								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	13	0.	0.098	0.79	0.	0.057	0.239	0.	0.	0.025	0.646
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	13	0.	0.515	2.37	0.	0.627	0.792	0.	0.	0.825	2.182

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Annual Analysis for 1978 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	10	14.9	16.3	28.1	2.1	58.584	7.654	2.89	11.875	23.425	27.67
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	10	32.65	32.5	33.8	30.2	1.131	1.064	30.33	31.875	33.275	33.77
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10 ##	2.75	3.25	9.	1.5	5.625	2.372	1.5	1.5	4.	8.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10 ##	0.389	0.424	0.954	0.176	0.079	0.282	0.176	0.176	0.602	0.919
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.656								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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Annual Analysis for 1979 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	12	20.	17.483	34.7	4.4	83.96	9.163	4.58	9.25	23.1	32.12
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	12	31.85	31.2	33.5	26.4	5.236	2.288	26.82	29.6	32.875	33.5
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	8.	13.25	43.	1.5	172.181	13.122	1.65	3.75	23.	41.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	0.9	0.919	1.633	0.176	0.214	0.462	0.206	0.571	1.362	1.606
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.298								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	10	17.7	16.61	27.8	4.7	68.339	8.267	4.97	8.	23.8	27.46
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	10	34.2	33.95	35.1	32.	0.996	0.998	32.04	33.6	34.475	35.09
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.59	0.728	1.87	0.15	0.357	0.598	0.157	0.235	0.975	1.854

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

Annual Analysis for 1981 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	9	17.6	17.711	28.7	2.2	80.336	8.963	2.2	10.55	25.75	28.7
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	9	34.6	33.967	36.4	30.	5.323	2.307	30.	31.95	35.7	36.4
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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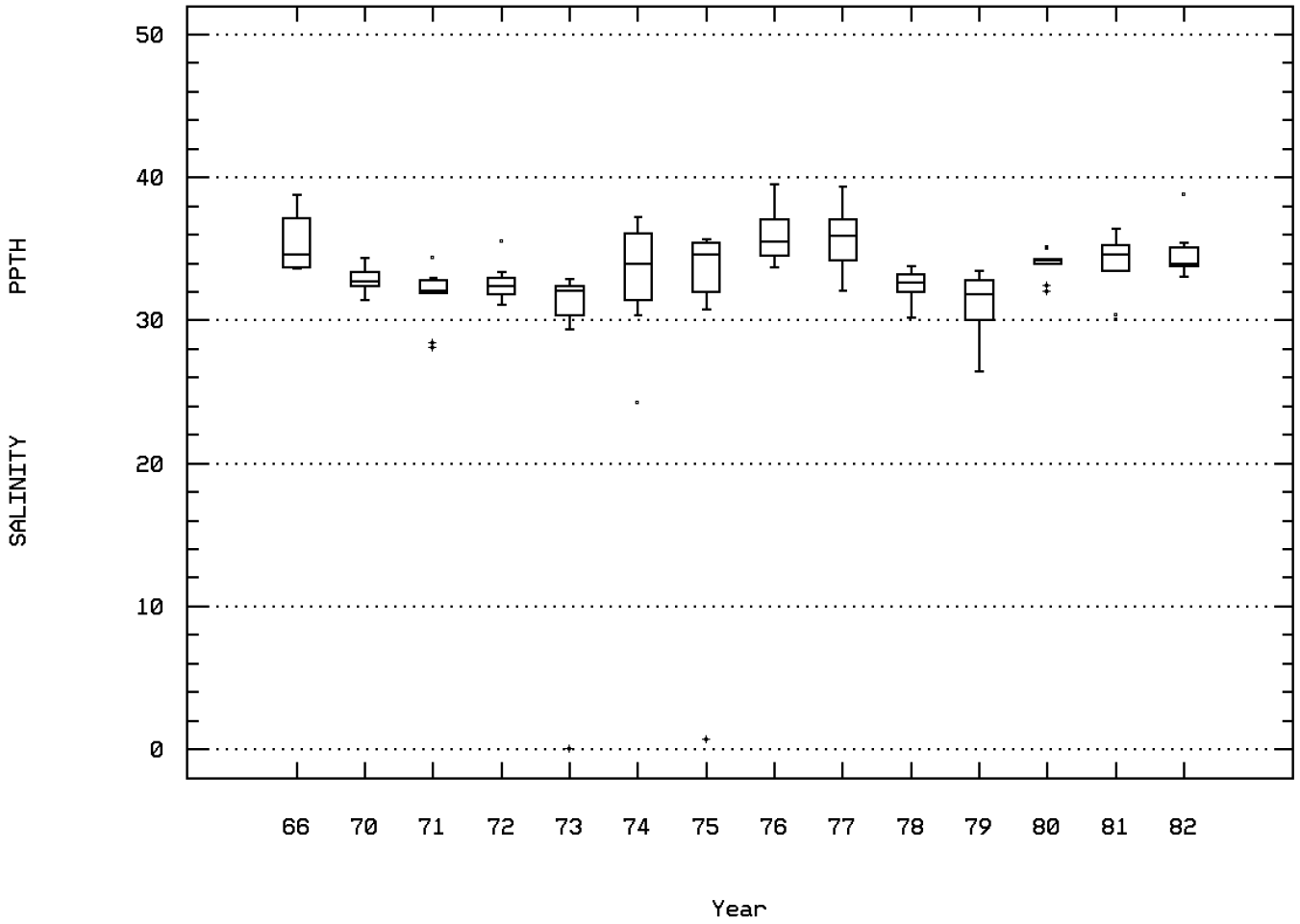
Annual Analysis for 1982 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	9	15.9	15.889	26.6	3.2	70.954	8.423	3.2	7.75	23.2	26.6
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	9	34.	34.656	38.8	33.1	2.935	1.713	33.1	33.65	35.25	38.8
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.5	1.651	9.1	0.	8.676	2.945	0.	0.22	1.98	9.1

** - 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: ASIS0020 Parameter Code: 00480

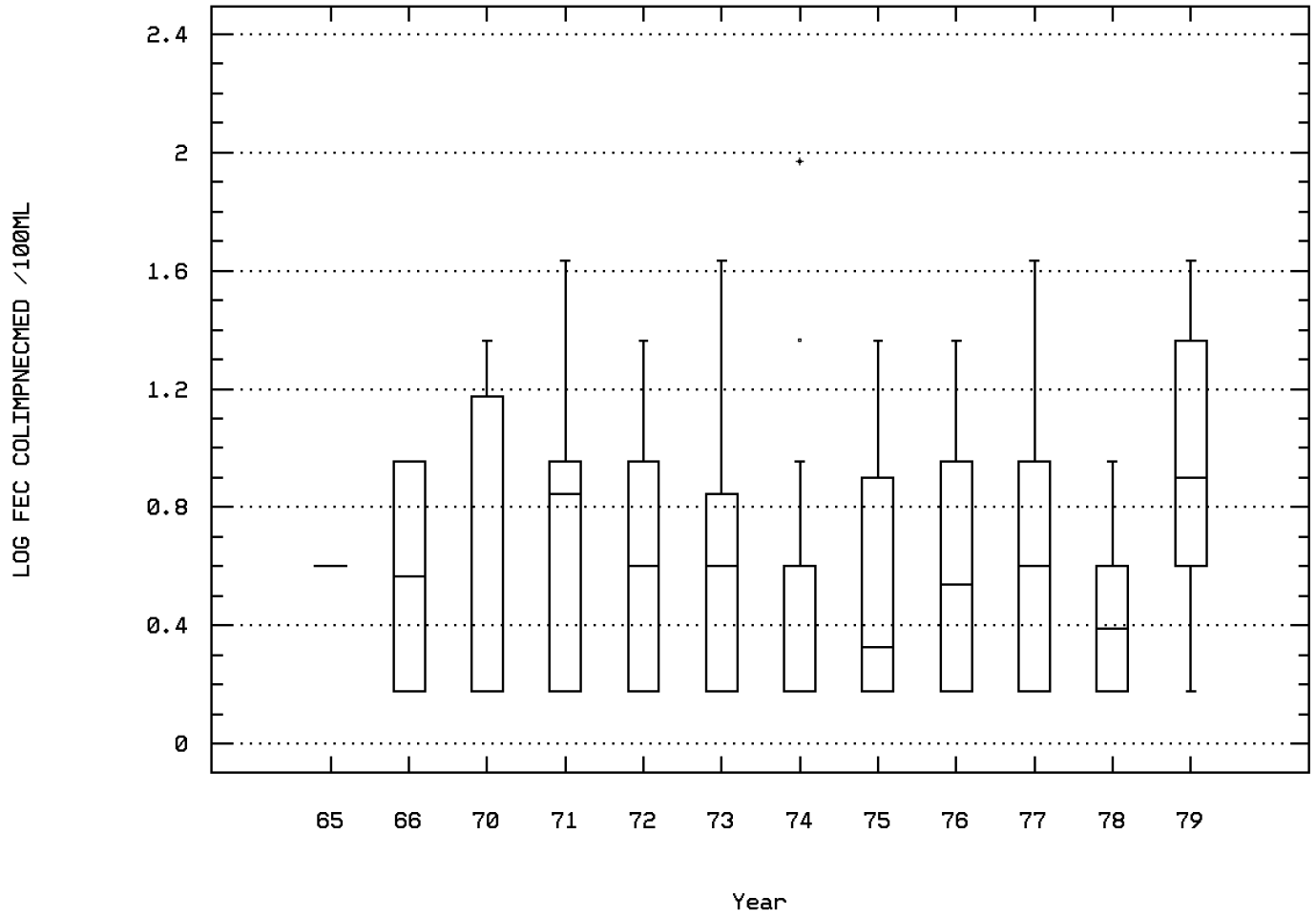
SALINITY - PARTS PER THOUSAND



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station: ASIS0020 Parameter Code: 31615

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	52	7.15	8.519	25.	0.	35.527	5.96	1.61	4.4	13.7	17.34
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	52	32.9	32.304	39.1	0.7	26.844	5.181	29.58	31.8	34.375	36.37
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	40	5.5	11.15	93.	1.5	280.785	16.757	1.5	1.875	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	40	0.724	0.767	1.968	0.176	0.225	0.475	0.176	0.251	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.846								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	51	0.	0.175	2.25	0.	0.162	0.402	0.	0.	0.2	0.664
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	51	0.54	0.804	4.17	0.	1.012	1.006	0.	0.03	0.98	2.352

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	47	15.8	15.957	26.3	6.7	24.539	4.954	9.3	11.4	20.3	22.56
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	47	33.1	32.915	39.5	0.	30.817	5.551	30.68	31.9	35.2	37.68
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	40 ##	1.5	6.625	43.	1.5	95.074	9.751	1.5	1.5	9.	22.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	40 ##	0.176	0.529	1.633	0.176	0.214	0.463	0.176	0.176	0.954	1.343
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.379								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	45	0.	0.13	1.35	0.	0.083	0.289	0.	0.	0.105	0.48
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	45	0.6	0.99	4.93	0.	1.365	1.168	0.	0.	1.695	3.03

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

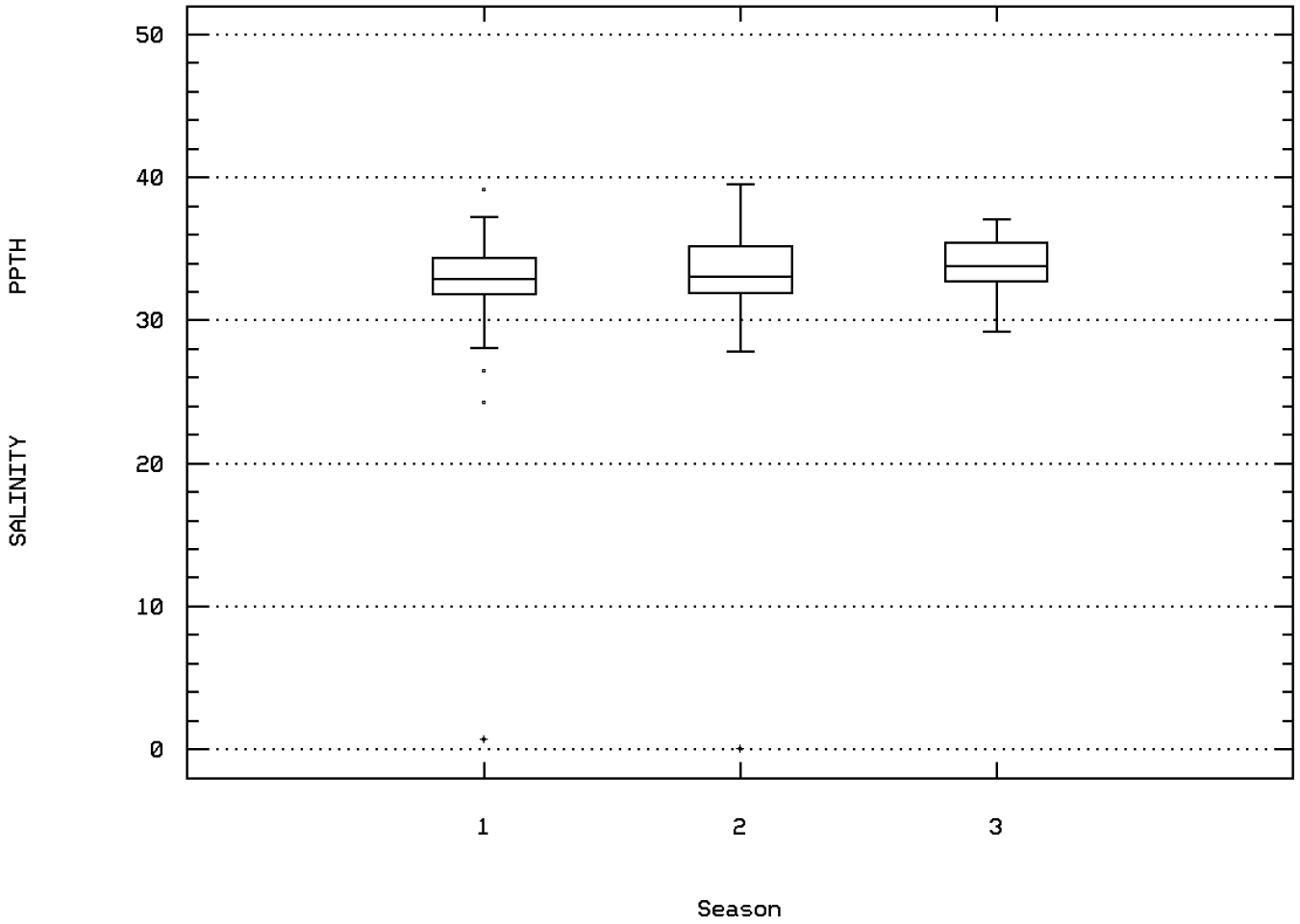
Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/66-11/30/82	46	23.6	23.315	34.7	13.5	14.459	3.803	17.67	21.55	25.525	27.89
00480p	SALINITY - PARTS PER THOUSAND	01/03/66-11/30/82	46	33.8	33.954	37.1	29.2	3.322	1.823	32.	32.675	35.4	36.43
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	35	4.	7.457	43.	1.5	114.858	10.717	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	35	0.602	0.596	1.633	0.176	0.205	0.453	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.943								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.947	9.1	0.	2.745	1.657	0.	0.	1.28	2.532

** - 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 box-and-whisker plot

Station: ASIS0020 Parameter Code: 00480

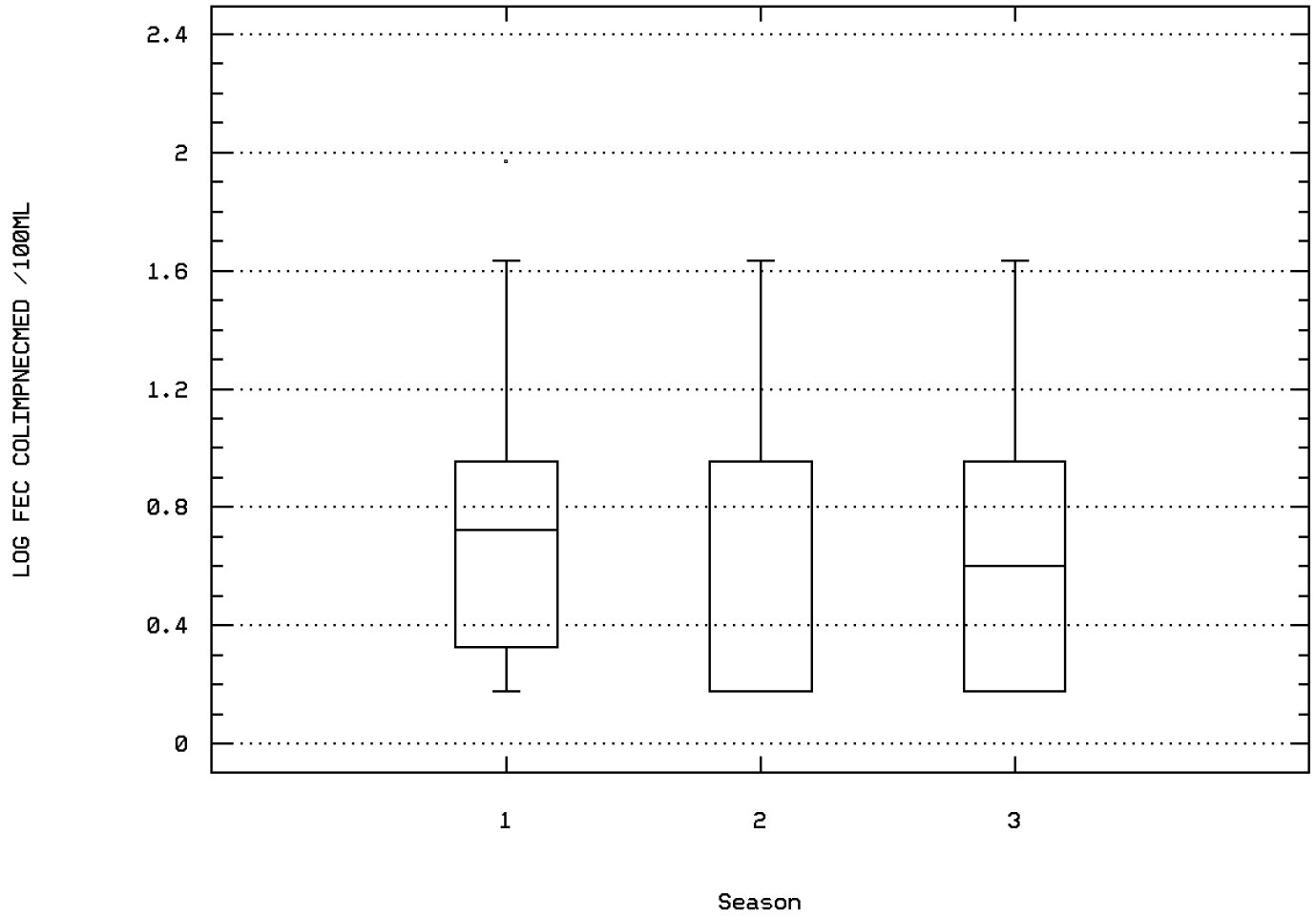
SALINITY - PARTS PER THOUSAND



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station: ASIS0020 Parameter Code: 31615

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0021

NPS Station ID: ASIS0021 LAT/LON: 37.901948/ -75.414726 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1012
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 9.210 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010116500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.15 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	78	4.	7.282	43.	1.5	68.101	8.252	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	78	0.602	0.66	1.633	0.176	0.168	0.41	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.568								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/21/66-11/30/82	26 ##	1.5	4.173	23.	1.5	33.447	5.783	1.5	1.5	3.6	13.27
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/21/66-11/30/82	26 ##	0.176	0.429	1.362	0.176	0.122	0.35	0.176	0.176	0.556	1.08
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.685								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	102	0.	0.154	2.25	0.	0.152	0.39	0.	0.	0.035	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	102	0.535	0.954	5.75	0.	1.335	1.155	0.	0.015	1.425	2.828

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

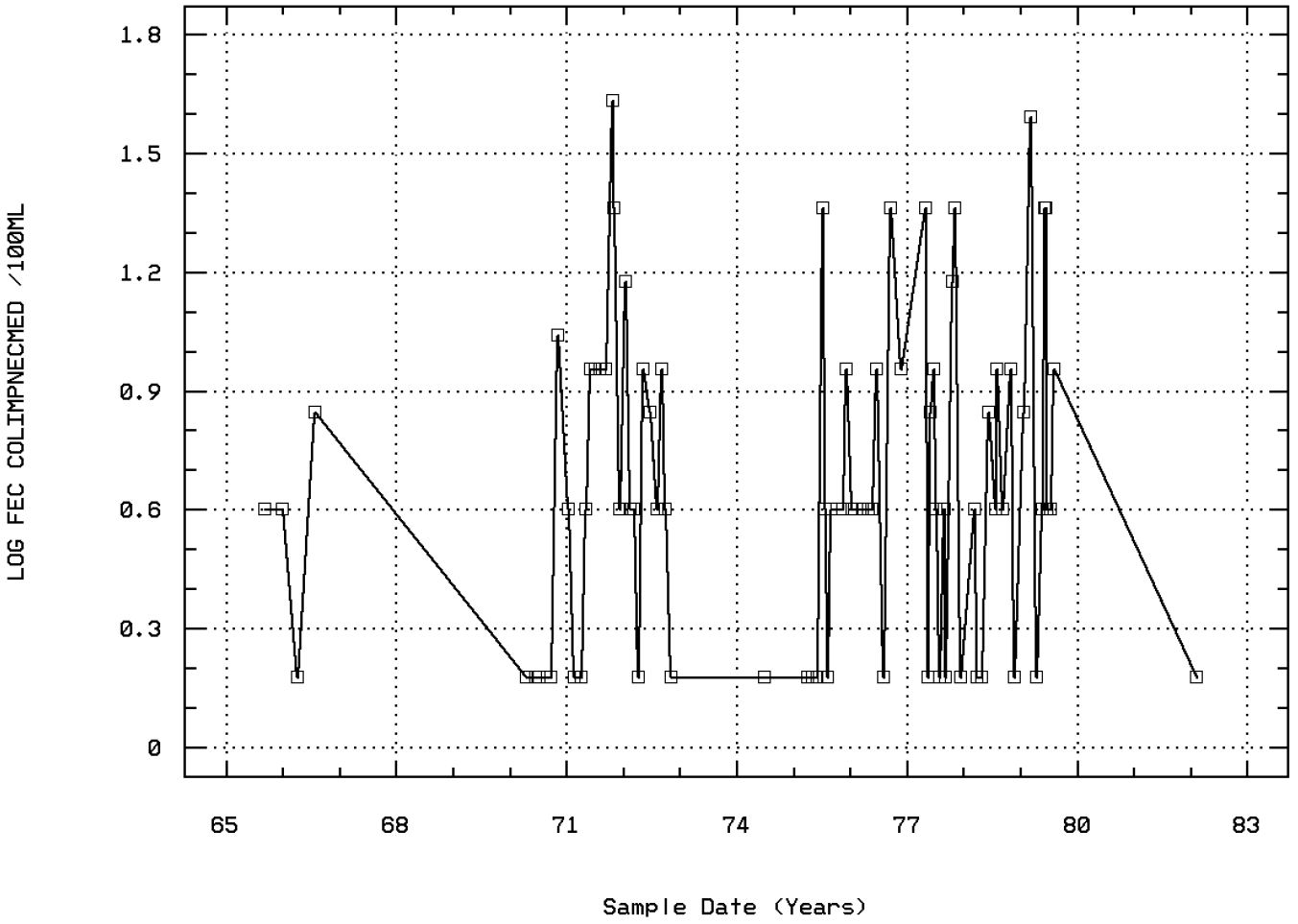
EPA Water Quality Criteria Analysis for Station: ASIS0021

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	78	0	0.00	24	0	0.00	28	0	0.00	26	0	0.00			

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

Station: ASIS0021 Parameter Code: 31615

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Annual Analysis for 1965 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.								

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

Annual Analysis for 1966 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	3	4.	4.167	7.	1.5	7.583	2.754	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	3	0.602	0.541	0.845	0.176	0.115	0.339	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.476								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.5	0.65	1.6	0.	0.623	0.79	**	**	**	**

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

Annual Analysis for 1970 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	5 ##	1.5	3.4	11.	1.5	18.05	4.249	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	5 ##	0.176	0.349	1.041	0.176	0.15	0.387	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.234								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	11	9.	10.636	43.	1.5	151.005	12.288	1.5	4.	9.	39.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	11	0.954	0.816	1.633	0.176	0.2	0.447	0.176	0.602	0.954	1.579
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.539								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	10	4.	5.9	15.	1.5	17.378	4.169	1.5	3.375	9.	14.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	10	0.602	0.669	1.176	0.176	0.106	0.326	0.176	0.496	0.954	1.154
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.667								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	1.41	1.676	3.03	0.54	0.929	0.964	0.55	0.85	2.558	3.03

** - 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 1974 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	1.28	1.28	1.28	1.28	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 box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	9	4.	5.556	23.	1.5	48.653	6.975	1.5	1.5	6.5	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	9	0.602	0.536	1.362	0.176	0.173	0.417	0.176	0.176	0.778	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.438								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.053	0.33	0.	0.013	0.115	0.	0.	0.075	0.33
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.83	0.803	2.11	0.	0.574	0.758	0.	0.08	1.39	2.11

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

Annual Analysis for 1976 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	8	4.	7.313	23.	1.5	47.067	6.861	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	8	0.602	0.732	1.362	0.176	0.125	0.353	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.393								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.04	0.276	1.35	0.	0.241	0.491	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.515	0.471	1.4	0.	0.228	0.478	**	**	**	**

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

Annual Analysis for 1977 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	11	4.	8.273	23.	1.5	70.118	8.374	1.5	1.5	15.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	11	0.602	0.692	1.362	0.176	0.23	0.48	0.176	0.176	1.176	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.916								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.084	0.79	0.	0.062	0.249	0.	0.	0.013	0.716
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.11	0.574	2.37	0.	0.753	0.868	0.	0.	1.	2.323

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

Annual Analysis for 1978 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	9	4.	4.611	9.	1.5	9.299	3.049	1.5	1.5	8.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	9	0.602	0.565	0.954	0.176	0.105	0.324	0.176	0.176	0.9	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.676								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	1.02	1.441	3.05	0.	1.546	1.244	0.	0.315	2.77	3.05

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

Annual Analysis for 1979 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	9	7.	12.722	39.	1.5	162.819	12.76	1.5	4.	23.	39.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	9	0.845	0.9	1.591	0.176	0.213	0.461	0.176	0.602	1.362	1.591
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.935								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.246	1.28	0.	0.223	0.472	0.	0.	0.465	1.28
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	1.38	4.93	0.	3.41	1.847	0.	0.	3.11	4.93

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

Annual Analysis for 1980 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.	0.104	0.82	0.	0.084	0.289	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.49	0.734	1.87	0.15	0.459	0.677	**	**	**	**

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

Annual Analysis for 1981 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

Annual Analysis for 1982 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	24	4.	10.104	43.	1.5	129.565	11.383	1.5	4.	14.	31.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	24	0.602	0.781	1.633	0.176	0.201	0.448	0.176	0.602	1.142	1.476
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.041								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/21/66-11/30/82	9 ##	1.5	2.811	9.1	1.5	6.389	2.528	1.5	1.5	3.6	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/21/66-11/30/82	9 ##	0.176	0.348	0.959	0.176	0.08	0.282	0.176	0.176	0.556	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.226								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	33	0.	0.243	2.25	0.	0.234	0.484	0.	0.	0.4	0.808
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	33	0.59	0.902	3.75	0.	0.965	0.982	0.	0.215	1.065	2.448

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0021

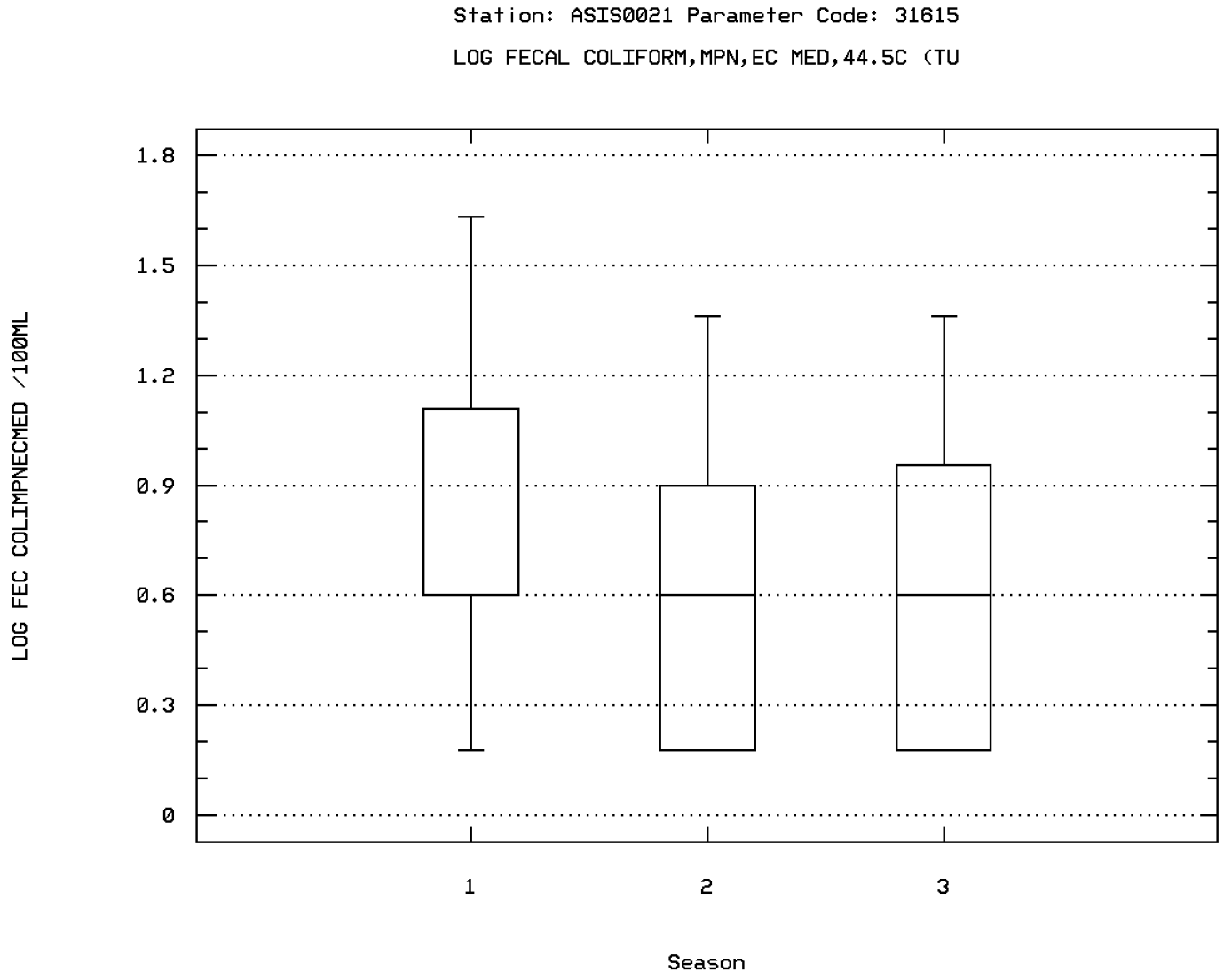
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	28	4.	6.	23.	1.5	43.444	6.591	1.5	1.5	8.5	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	28	0.602	0.577	1.362	0.176	0.169	0.411	0.176	0.176	0.927	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.778								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/21/66-11/30/82	7	3.6	8.543	23.	1.5	98.42	9.921	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/21/66-11/30/82	7	0.556	0.678	1.362	0.176	0.247	0.497	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.762								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	34	0.	0.109	1.35	0.	0.078	0.279	0.	0.	0.063	0.405
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	34	0.55	1.043	4.93	0.	1.603	1.266	0.	0.	1.683	3.04

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	26	4.	6.058	23.	1.5	32.587	5.708	1.5	1.5	9.	13.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	26	0.602	0.636	1.362	0.176	0.128	0.358	0.176	0.176	0.954	1.076
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.329								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/21/66-11/30/82	10 ##	1.5	2.34	3.6	1.5	1.176	1.084	1.5	1.5	3.6	3.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/21/66-11/30/82	10 ##	0.176	0.328	0.556	0.176	0.039	0.196	0.176	0.176	0.556	0.556
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.129								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	35	0.	0.114	2.	0.	0.146	0.382	0.	0.	0.	0.422
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	35	0.45	0.916	5.75	0.	1.489	1.22	0.	0.	1.4	2.576

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0022

NPS Station ID: ASIS0022 LAT/LON: 37.902226/ -75.408615 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1013A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 9.070 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/68-08/18/69	2	26.05	26.05	29.	23.1	17.405	4.172	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/13/68-08/18/69	2	31.45	31.45	32.3	30.6	1.445	1.202	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	73	4.	14.699	210.	1.5	897.929	29.965	1.5	1.5	12.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	73	0.602	0.742	2.322	0.176	0.315	0.562	0.176	0.176	1.065	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.522								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-10/05/81	11 ##	1.5	6.291	23.	1.5	73.419	8.568	1.5	1.5	9.1	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/07/80-10/05/81	11 ##	0.176	0.497	1.362	0.176	0.243	0.493	0.176	0.176	0.959	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.143								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	84	0.	0.122	2.25	0.	0.147	0.383	0.	0.	0.	0.395
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	84	0.6	1.019	5.75	0.	1.408	1.187	0.	0.085	1.575	2.82

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

EPA Water Quality Criteria Analysis for Station: ASIS0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	73	1	0.01	22	0	0.00	26	1	0.04	25	0	0.00			

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

Annual Analysis for 1968 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	1	43.	43.	43.	43.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	1	1.633	1.633	1.633	1.633	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	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 box-and-whisker plot

Annual Analysis for 1969 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

Annual Analysis for 1970 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	5 ##	1.5	14.1	43.	1.5	347.675	18.646	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	5 ##	0.176	0.705	1.633	0.176	0.533	0.73	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.066								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	11	9.	21.318	93.	1.5	1266.164	35.583	1.5	1.5	9.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	11	0.954	0.862	1.968	0.176	0.403	0.635	0.176	0.176	0.954	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.284								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	10	9.	15.45	75.	1.5	470.247	21.685	1.65	6.	12.5	69.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	10	0.954	0.951	1.875	0.176	0.207	0.454	0.206	0.753	1.056	1.824
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.925								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	10	1.09	1.376	3.03	0.03	0.927	0.963	0.081	0.615	2.4	2.967

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

Annual Analysis for 1975 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	9	4.	8.611	23.	1.5	83.799	9.154	1.5	1.5	19.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	9	0.602	0.693	1.362	0.176	0.244	0.494	0.176	0.176	1.269	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.928								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	9	0.	0.052	0.32	0.	0.013	0.112	0.	0.	0.075	0.32
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	9	1.11	1.053	2.28	0.	0.702	0.838	0.	0.185	1.855	2.28

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

Annual Analysis for 1976 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	7 ##	1.5	33.429	210.	1.5	6074.786	77.941	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	7 ##	0.176	0.705	2.322	0.176	0.643	0.802	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.07								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	7	0.	0.026	0.1	0.	0.001	0.038	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	7	0.59	0.546	1.4	0.	0.216	0.465	**	**	**	**

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

Annual Analysis for 1977 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	10	4.	8.25	43.	1.5	164.458	12.824	1.5	1.5	6.75	40.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	10	0.602	0.635	1.633	0.176	0.214	0.463	0.176	0.176	0.746	1.588
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.313								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	10	0.	0.084	0.79	0.	0.062	0.249	0.	0.	0.013	0.716
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	10	0.11	0.574	2.37	0.	0.753	0.868	0.	0.	1.	2.323

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

Annual Analysis for 1978 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	10	3.5	5.3	23.	1.5	43.9	6.626	1.5	1.5	5.25	21.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	10	0.54	0.53	1.362	0.176	0.155	0.393	0.176	0.176	0.69	1.321
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.391								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	9	4.	13.556	43.	1.5	225.903	15.03	1.5	1.5	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	9	0.602	0.781	1.633	0.176	0.404	0.636	0.176	0.176	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.033								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	9	0.	0.246	1.28	0.	0.223	0.472	0.	0.	0.465	1.28
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	9	0.37	1.38	4.93	0.	3.41	1.847	0.	0.	3.11	4.93

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

Annual Analysis for 1980 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	8	0.	0.104	0.82	0.	0.084	0.289	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	8	0.49	0.563	1.71	0.15	0.249	0.499	**	**	**	**

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

Annual Analysis for 1981 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	3	0.	0.083	0.25	0.	0.021	0.144	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	3	0.58	0.48	0.86	0.	0.192	0.439	**	**	**	**

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	22	4.	14.273	93.	1.5	474.113	21.774	1.5	1.5	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	22	0.602	0.764	1.968	0.176	0.346	0.588	0.176	0.176	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.813								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	27	0.	0.232	2.25	0.	0.267	0.516	0.	0.	0.25	0.912
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	27	0.7	1.116	3.75	0.	1.082	1.04	0.024	0.31	1.9	2.676

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	26	4.	18.981	210.	1.5	1789.03	42.297	1.5	1.5	23.	52.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	26	0.602	0.8	2.322	0.176	0.343	0.586	0.176	0.176	1.362	1.706
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.305								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	28	0.	0.066	0.82	0.	0.033	0.182	0.	0.	0.	0.276
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	28	0.5	0.943	4.93	0.	1.505	1.227	0.	0.	1.513	3.032

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	25	4.	10.62	93.	1.5	378.006	19.442	1.5	1.5	9.	31.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/13/68-08/06/79	25	0.602	0.663	1.968	0.176	0.275	0.525	0.176	0.176	0.954	1.47
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.597								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	29	0.	0.074	2.	0.	0.138	0.371	0.	0.	0.	0.01
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/13/68-10/05/81	29	0.55	1.003	5.75	0.	1.703	1.305	0.	0.	1.45	2.84

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

Station Inventory for Station: ASIS0023

NPS Station ID: ASIS0023 LAT/LON: 37.904170/ -75.369448 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10152Z
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 22.480 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010109200.00 RF3 Mile Point: 4.06 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	85	4.	17.676	460.	1.5	3249.046	57.	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	85	0.602	0.728	2.663	0.176	0.294	0.542	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.342								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	29 ##	1.5	6.469	39.	1.5	76.166	8.727	1.5	1.5	9.1	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	29 ##	0.176	0.539	1.591	0.176	0.213	0.461	0.176	0.176	0.959	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.461								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	113	0.	0.132	1.35	0.	0.081	0.284	0.	0.	0.065	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	113	0.5	0.81	4.93	0.	0.991	0.996	0.	0.025	1.145	2.388

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

EPA Water Quality Criteria Analysis for Station: ASIS0023

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	85	2	0.02	29	1	0.03	28	1	0.04	28	0	0.00			

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

Annual Analysis for 1969 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1	23.	23.	23.	23.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1	1.362	1.362	1.362	1.362	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

Annual Analysis for 1972 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	5	9.	100.	460.	4.	40560.5	201.396	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	5	0.954	1.237	2.663	0.602	0.734	0.857	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.241								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	5	1.2	1.516	2.4	0.6	0.697	0.835	**	**	**	**

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

Annual Analysis for 1973 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	3.5	14.1	75.	1.5	530.878	23.041	1.5	1.5	23.	69.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.54	0.723	1.875	0.176	0.381	0.617	0.176	0.176	1.362	1.824
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.281								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.172	1.	0.	0.113	0.336	0.	0.	0.28	0.952
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.145	0.671	2.58	0.	0.975	0.987	0.	0.	1.51	2.542

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

Annual Analysis for 1974 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	5.5	22.813	240.	1.5	3415.029	58.438	1.5	2.125	19.5	88.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	0.724	0.83	2.38	0.176	0.348	0.59	0.176	0.283	1.26	1.667
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.766								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.44	0.868	4.17	0.	1.256	1.121	0.	0.	1.61	2.651

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

Annual Analysis for 1975 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	3.5	12.292	93.	1.5	683.112	26.136	1.5	1.5	7.75	72.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.54	0.621	1.968	0.176	0.317	0.563	0.176	0.176	0.866	1.786
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.175								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	4.	4.611	9.	1.5	9.299	3.049	1.5	1.5	8.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.602	0.565	0.954	0.176	0.105	0.324	0.176	0.176	0.9	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.676								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.05	0.274	1.35	0.	0.211	0.459	0.	0.	0.47	1.35
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.56	0.481	1.4	0.	0.201	0.448	0.	0.01	0.66	1.4

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

Annual Analysis for 1977 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	8.	8.	23.	1.5	50.818	7.129	1.5	1.5	9.	22.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.9	0.719	1.362	0.176	0.198	0.445	0.176	0.176	0.954	1.344
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.239								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

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

Annual Analysis for 1978 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	2.75	3.25	9.	1.5	5.625	2.372	1.5	1.5	4.	8.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.389	0.424	0.954	0.176	0.079	0.282	0.176	0.176	0.602	0.919
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.656								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	6.5	15.6	93.	1.5	764.433	27.648	1.5	3.375	15.	85.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.778	0.839	1.968	0.176	0.286	0.535	0.176	0.496	1.176	1.889
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.898								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.125	0.25	0.85	0.	0.105	0.324	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.185	0.273	0.86	0.	0.108	0.329	**	**	**	**

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

Annual Analysis for 1982 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	29	4.	24.983	460.	1.5	7200.634	84.857	1.5	2.25	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	29	0.602	0.785	2.663	0.176	0.324	0.569	0.176	0.327	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.098								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	40	0.	0.155	1.28	0.	0.088	0.296	0.	0.	0.238	0.672
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	40	0.57	0.824	4.17	0.	0.968	0.984	0.	0.03	1.01	2.361

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	28 ##	1.5	15.589	240.	1.5	2233.297	47.258	1.5	1.5	7.	27.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	28 ##	0.176	0.566	2.38	0.176	0.322	0.567	0.176	0.176	0.845	1.368
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.683								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	34	0.	0.144	1.35	0.	0.102	0.319	0.	0.	0.103	0.64
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	34	0.55	0.95	4.93	0.	1.344	1.159	0.	0.	1.643	2.815

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	28	5.5	12.196	93.	1.5	314.525	17.735	1.5	4.	21.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	28	0.724	0.83	1.968	0.176	0.215	0.463	0.176	0.602	1.315	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.755								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	39	0.	0.1	0.85	0.	0.058	0.241	0.	0.	0.	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	39	0.37	0.673	3.04	0.	0.725	0.851	0.	0.04	1.2	2.4

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

Station Inventory for Station: ASIS0024

NPS Station ID: ASIS0024 LAT/LON: 37.905004/ -75.384170 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10152A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 24.020 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.01 RF3 Mile Point: 0.90 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	116	4.	13.293	240.	1.5	836.257	28.918	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	116	0.602	0.749	2.38	0.176	0.263	0.513	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.608								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	29	3.6	5.979	43.	1.5	81.889	9.049	1.5	1.5	3.6	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	29	0.556	0.53	1.633	0.176	0.167	0.408	0.176	0.176	0.556	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.389								
82552	DEPTH TO BOTTOM OF SCREENED INTERVAL FROM M.P. FT	09/15/81-09/15/81	1	0.85	0.85	0.85	0.85	0.	0.	**	**	**	**
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	139	0.	0.137	2.25	0.	0.124	0.352	0.	0.	0.03	0.52
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	140	0.5	0.861	5.75	0.	1.178	1.085	0.	0.023	1.2	2.4

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

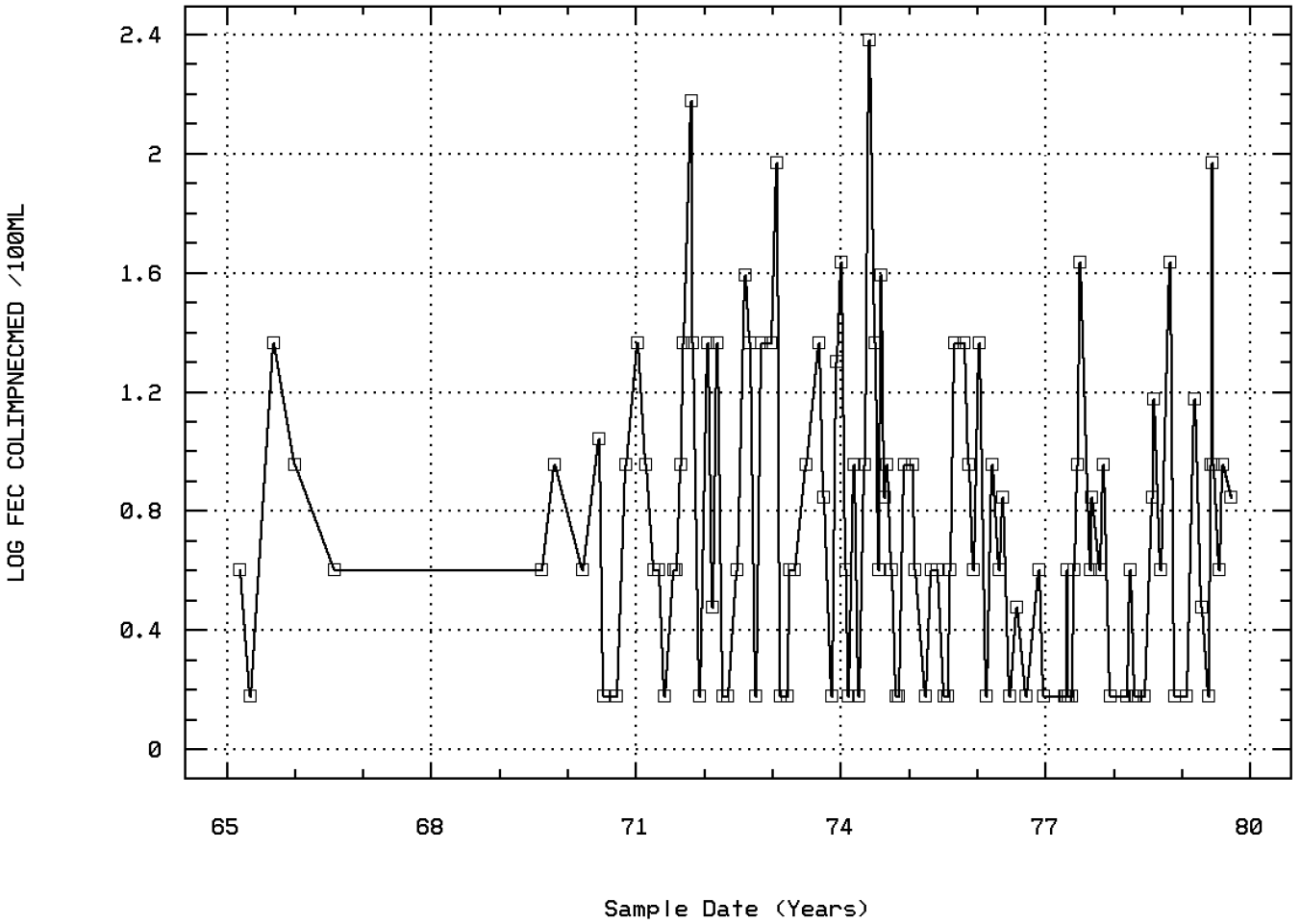
EPA Water Quality Criteria Analysis for Station: ASIS0024

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	116	1	0.01	41	0	0.00	39	1	0.03	36	0	0.00			

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

Station: ASIS0024 Parameter Code: 31615

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



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Annual Analysis for 1965 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	3	4.	9.5	23.	1.5	138.25	11.758	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	3	0.602	0.713	1.362	0.176	0.361	0.601	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.168								

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

Annual Analysis for 1966 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2	0.778	0.778	0.954	0.602	0.062	0.249	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1969 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2	0.778	0.778	0.954	0.602	0.062	0.249	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	5	4.	5.4	11.	1.5	19.175	4.379	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	5	0.602	0.59	1.041	0.176	0.17	0.412	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.89								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	6.5	21.333	150.	1.5	1714.197	41.403	1.5	4.	23.	111.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	0.778	0.911	2.176	0.176	0.334	0.578	0.176	0.602	1.362	1.932
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.144								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.397	2.25	0.	0.676	0.822	0.	0.	0.383	2.175
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.355	1.334	5.75	0.	3.566	1.888	0.	0.	2.663	5.15

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

Annual Analysis for 1972 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	11	23.	15.045	39.	1.5	170.773	13.068	1.5	1.5	23.	35.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	11	1.362	0.91	1.591	0.176	0.338	0.582	0.176	0.176	1.362	1.545
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.123								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

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

Annual Analysis for 1973 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	5.5	16.45	93.	1.5	782.303	27.97	1.5	1.5	20.75	86.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	0.724	0.816	1.968	0.176	0.356	0.596	0.176	0.176	1.316	1.908
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.551								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.172	1.	0.	0.113	0.336	0.	0.	0.28	0.952
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.145	0.671	2.58	0.	0.975	0.987	0.	0.	1.51	2.542

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

Annual Analysis for 1974 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	16	8.	25.375	240.	1.5	3441.783	58.667	1.5	2.125	19.5	102.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	16	0.9	0.884	2.38	0.176	0.386	0.621	0.176	0.283	1.26	1.857
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.651								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.868	4.17	0.	1.256	1.121	0.	0.	1.61	2.651

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

Annual Analysis for 1975 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	4.	7.375	23.	1.5	59.46	7.711	1.5	2.125	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	0.602	0.681	1.362	0.176	0.17	0.413	0.176	0.283	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.796								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	3.5	5.6	23.	1.5	43.933	6.628	1.5	1.5	7.5	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	0.54	0.555	1.362	0.176	0.164	0.405	0.176	0.176	0.872	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.586								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

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

Annual Analysis for 1977 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	13	4.	7.038	43.	1.5	124.269	11.148	1.5	1.5	8.	29.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	13	0.602	0.59	1.633	0.176	0.19	0.436	0.176	0.176	0.9	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.894								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

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

Annual Analysis for 1978 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10 ##	2.75	8.05	43.	1.5	168.692	12.988	1.5	1.5	9.	40.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10 ##	0.389	0.574	1.633	0.176	0.261	0.511	0.176	0.176	0.928	1.588
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.749								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	8.	15.2	93.	1.5	765.011	27.659	1.5	2.625	10.5	85.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	0.9	0.828	1.968	0.176	0.277	0.526	0.176	0.402	1.01	1.889
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.736								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.085	0.165	0.6	0.	0.046	0.215	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

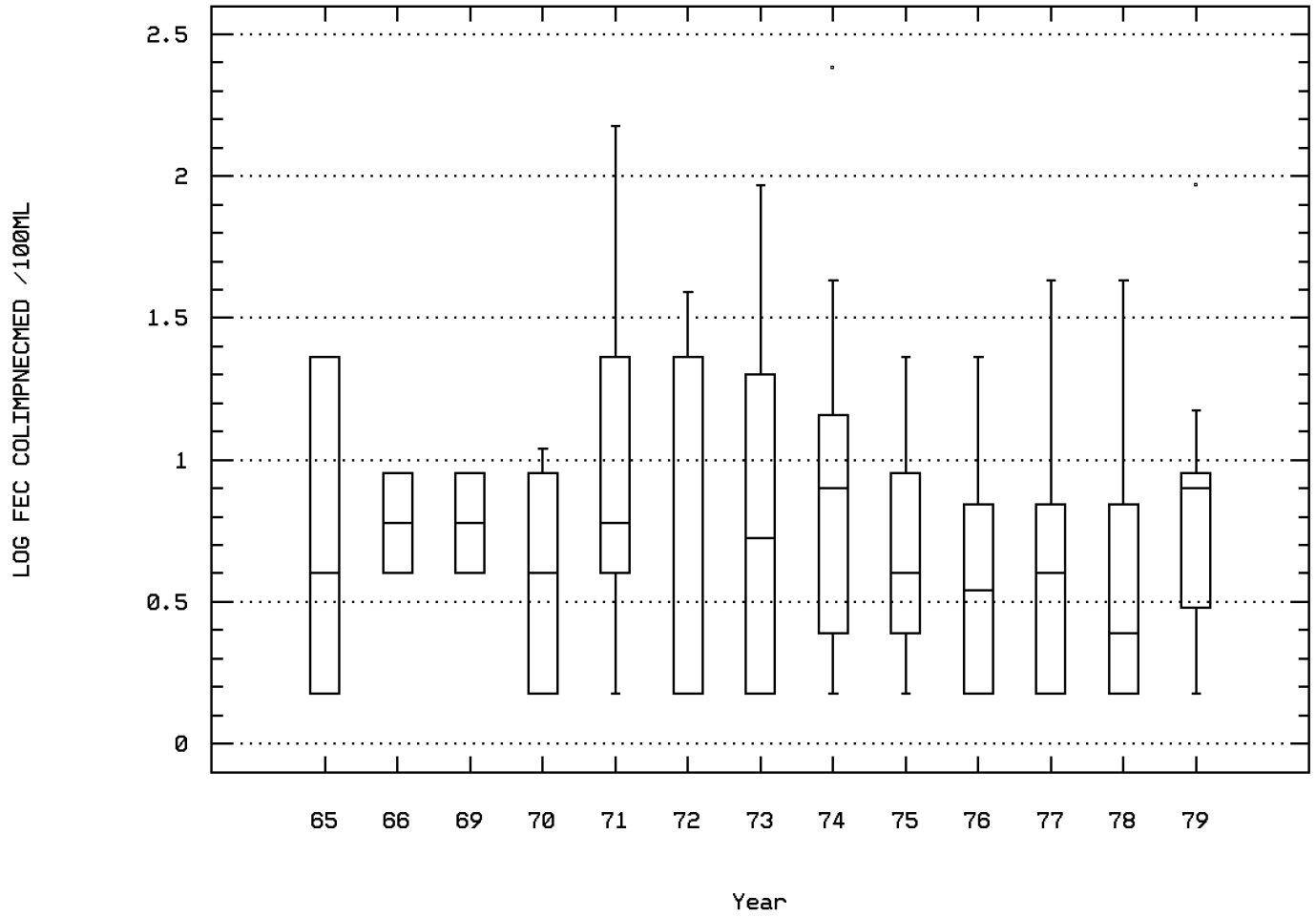
Annual Analysis for 1982 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.015	0.184	0.8	0.	0.089	0.298	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.47	0.775	3.11	0.21	0.931	0.965	**	**	**	**

** - Less than 9 observations ## - Computed 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: ASIS0024 Parameter Code: 31615

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	41	9.	16.341	150.	1.5	740.005	27.203	1.5	1.5	23.	39.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	41	0.954	0.853	2.176	0.176	0.316	0.562	0.176	0.176	1.362	1.579
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.128								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	52	0.	0.162	2.25	0.	0.158	0.398	0.	0.	0.073	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	52	0.535	0.816	4.17	0.	1.01	1.005	0.	0.03	0.98	2.343

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0024

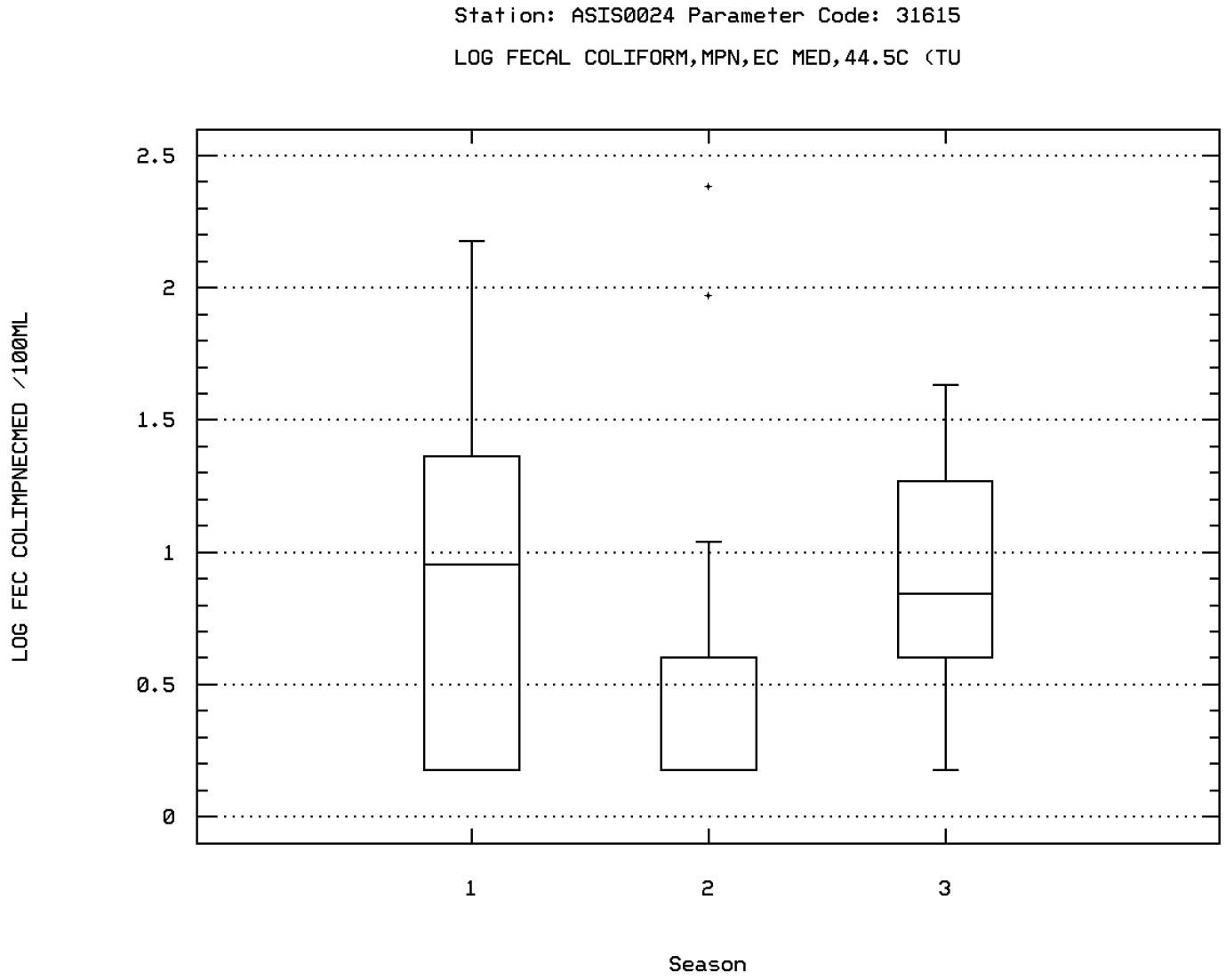
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	39	4.	12.179	240.	1.5	1612.941	40.161	1.5	1.5	4.	9.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	39	0.602	0.567	2.38	0.176	0.231	0.48	0.176	0.176	0.602	0.954
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.693								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.	0.133	1.35	0.	0.088	0.297	0.	0.	0.103	0.495
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.64	1.015	4.93	0.	1.337	1.156	0.	0.	1.658	2.961

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	36	7.	11.028	43.	1.5	133.242	11.543	1.5	4.	21.	27.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	36	0.845	0.827	1.633	0.176	0.197	0.444	0.176	0.602	1.315	1.431
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.709								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	45	0.	0.112	2.	0.	0.121	0.347	0.	0.	0.	0.552
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.772	5.75	0.	1.241	1.114	0.	0.	1.22	2.4

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0025

NPS Station ID: ASIS0025 LAT/LON: 37.905004/ -75.409726 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1013
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 8.960 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142904.56 RF3 Mile Point: 6.12 Distance from RF3: 0.17 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/29/80-02/29/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	02/29/80-02/29/80	1	32.2	32.2	32.2	32.2	0.	0.	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	117	3.	13.56	460.	1.5	2352.057	48.498	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	117	0.477	0.606	2.663	0.176	0.285	0.534	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.036								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/21/66-11/30/82	29	3.6	5.607	23.	1.5	38.261	6.186	1.5	1.5	8.2	15.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/21/66-11/30/82	29	0.556	0.547	1.362	0.176	0.165	0.406	0.176	0.176	0.911	1.176
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.524								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/19/82	34	20.	52.647	690.	5.	14559.447	120.663	5.	8.75	50.	120.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/19/82	34	1.301	1.306	2.839	0.699	0.288	0.537	0.699	0.925	1.699	2.073
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			20.242								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-11/29/76	4 ##	8.25	10.25	23.	1.5	112.75	10.618	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/22/75-11/29/76	4 ##	0.676	0.723	1.362	0.176	0.404	0.635	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			5.278								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	143	0.	0.141	2.25	0.	0.124	0.352	0.	0.	0.05	0.568
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	143	0.48	0.823	5.75	0.	1.132	1.064	0.	0.	1.18	2.388

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

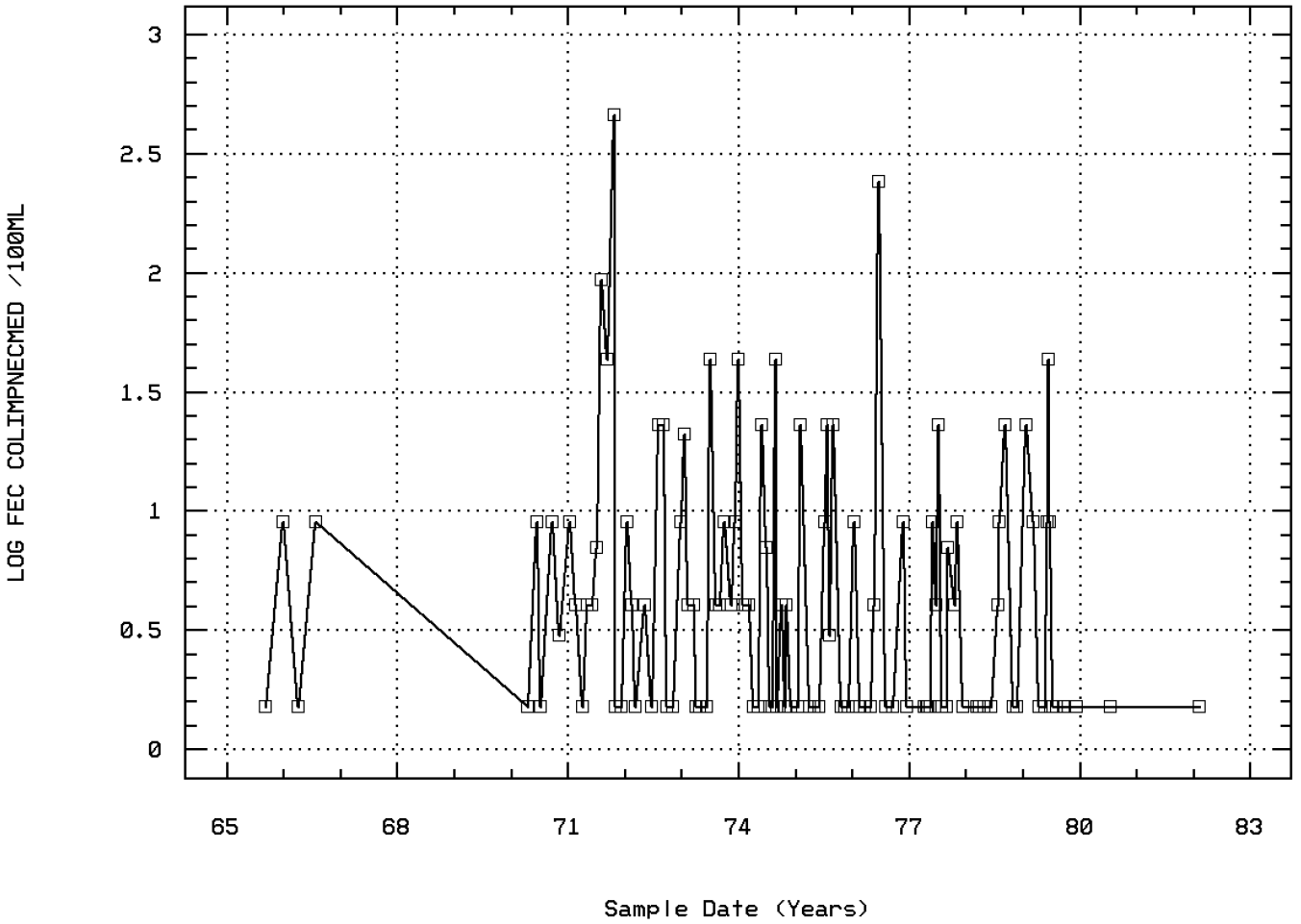
EPA Water Quality Criteria Analysis for Station: ASIS0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	117	2	0.02	42	1	0.02	38	1	0.03	37	0	0.00			

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

Station: ASIS0025 Parameter Code: 31615

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



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Annual Analysis for 1965 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								

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

Annual Analysis for 1966 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	3	9.	6.5	9.	1.5	18.75	4.33	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	3	0.954	0.695	0.954	0.176	0.202	0.449	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.953								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.5	0.65	1.6	0.	0.623	0.79	**	**	**	**

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

Annual Analysis for 1970 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	5	3.	4.8	9.	1.5	15.075	3.883	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	5	0.477	0.548	0.954	0.176	0.153	0.391	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.528								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	11	4.	57.136	460.	1.5	18637.255	136.518	1.5	1.5	43.	386.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	11	0.602	0.945	2.663	0.176	0.661	0.813	0.176	0.176	1.633	2.524
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.817								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.433	2.25	0.	0.726	0.852	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.45	1.46	5.75	0.	3.718	1.928	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	10	4.	7.8	23.	1.5	72.511	8.515	1.5	1.5	12.5	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	10	0.602	0.654	1.362	0.176	0.233	0.483	0.176	0.176	1.056	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.509								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.95	1.133	2.4	0.03	0.624	0.79	0.081	0.585	1.815	2.4

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

Annual Analysis for 1973 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	12	4.	8.875	43.	1.5	144.869	12.036	1.5	2.125	9.	36.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	12	0.602	0.7	1.633	0.176	0.205	0.453	0.176	0.283	0.954	1.54
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.015								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

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

Annual Analysis for 1974 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	16	4.	9.156	43.	1.5	202.024	14.214	1.5	1.5	6.25	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	16	0.602	0.607	1.633	0.176	0.269	0.519	0.176	0.176	0.784	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.048								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	12 ##	1.5	7.625	23.	1.5	90.46	9.511	1.5	1.5	19.5	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	12 ##	0.176	0.562	1.362	0.176	0.284	0.533	0.176	0.176	1.26	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.651								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	10 ##	1.5	27.1	240.	1.5	5605.267	74.868	1.5	1.5	9.	216.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	10 ##	0.176	0.595	2.38	0.176	0.5	0.707	0.176	0.176	0.954	2.238
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.933								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

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

Annual Analysis for 1977 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	14 ##	1.5	4.857	23.	1.5	35.363	5.947	1.5	1.5	7.5	16.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	14 ##	0.176	0.481	1.362	0.176	0.164	0.405	0.176	0.176	0.872	1.158
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.024								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	13	0.	0.098	0.79	0.	0.057	0.239	0.	0.	0.025	0.646
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	13	0.	0.515	2.37	0.	0.627	0.792	0.	0.	0.825	2.182

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

Annual Analysis for 1978 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	10 ##	1.5	4.65	23.	1.5	47.281	6.876	1.5	1.5	5.25	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	10 ##	0.176	0.415	1.362	0.176	0.18	0.424	0.176	0.176	0.69	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.601								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	11 ##	1.5	9.273	43.	1.5	168.868	12.995	1.5	1.5	9.	39.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	11 ##	0.176	0.629	1.633	0.176	0.309	0.556	0.176	0.176	0.954	1.579
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.252								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.077	0.82	0.	0.061	0.246	0.	0.	0.01	0.66
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.5	0.68	1.71	0.15	0.265	0.514	0.164	0.24	0.73	1.682

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

Annual Analysis for 1981 - Station ASIS0025

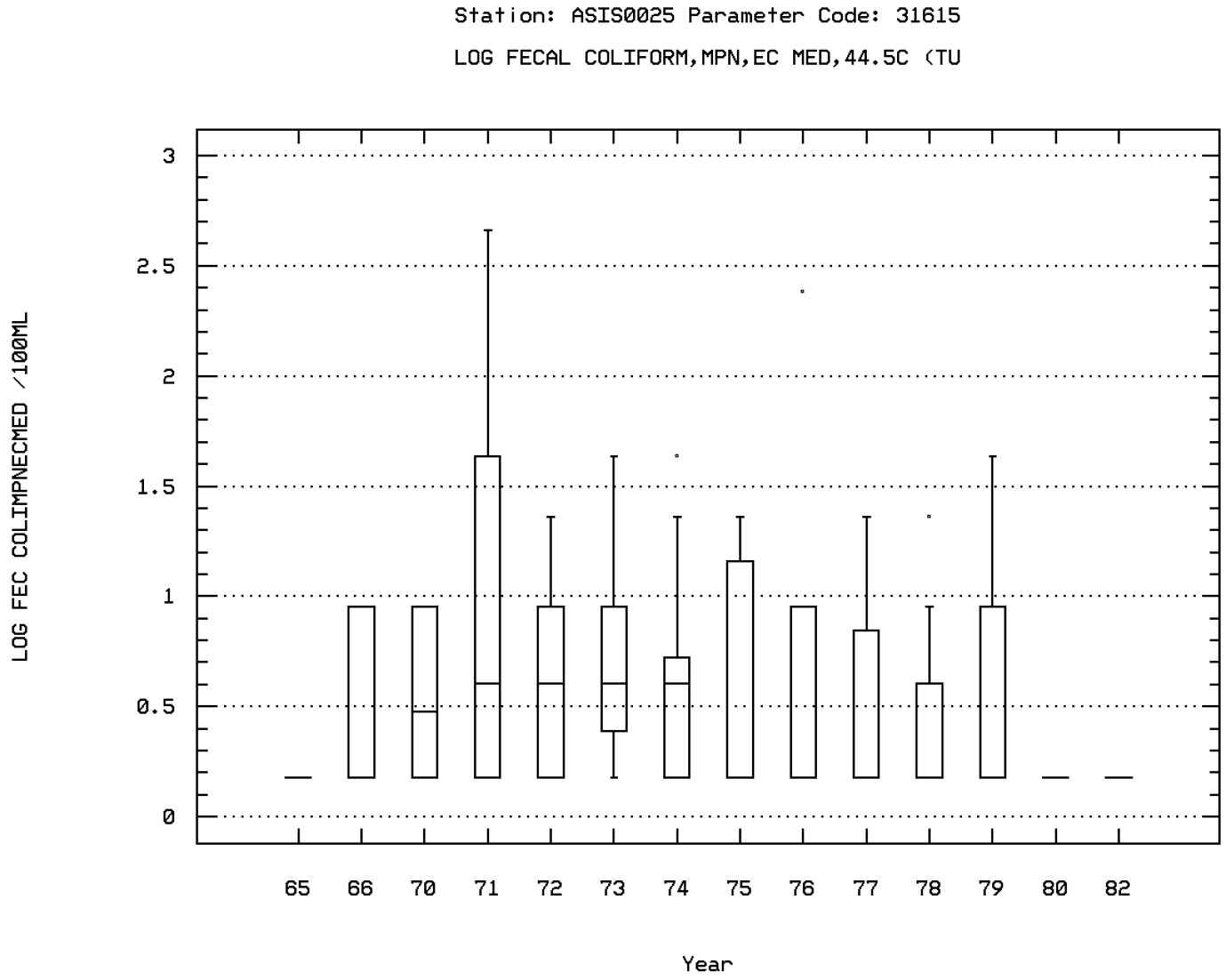
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

Annual Analysis for 1982 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	42	4.	17.071	460.	1.5	4966.592	70.474	1.5	1.5	9.	22.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	42	0.602	0.619	2.663	0.176	0.277	0.527	0.176	0.176	0.954	1.35
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.159								
31621p	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/21/66-11/30/82	11	3.6	7.536	23.	1.5	65.755	8.109	1.5	1.5	9.1	23.
31621p	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/21/66-11/30/82	11	0.556	0.657	1.362	0.176	0.212	0.46	0.176	0.176	0.959	1.362
31621p	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.539								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	52	0.	0.162	2.25	0.	0.158	0.398	0.	0.	0.073	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	52	0.55	0.827	4.17	0.	0.993	0.996	0.	0.04	0.98	2.343

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0025

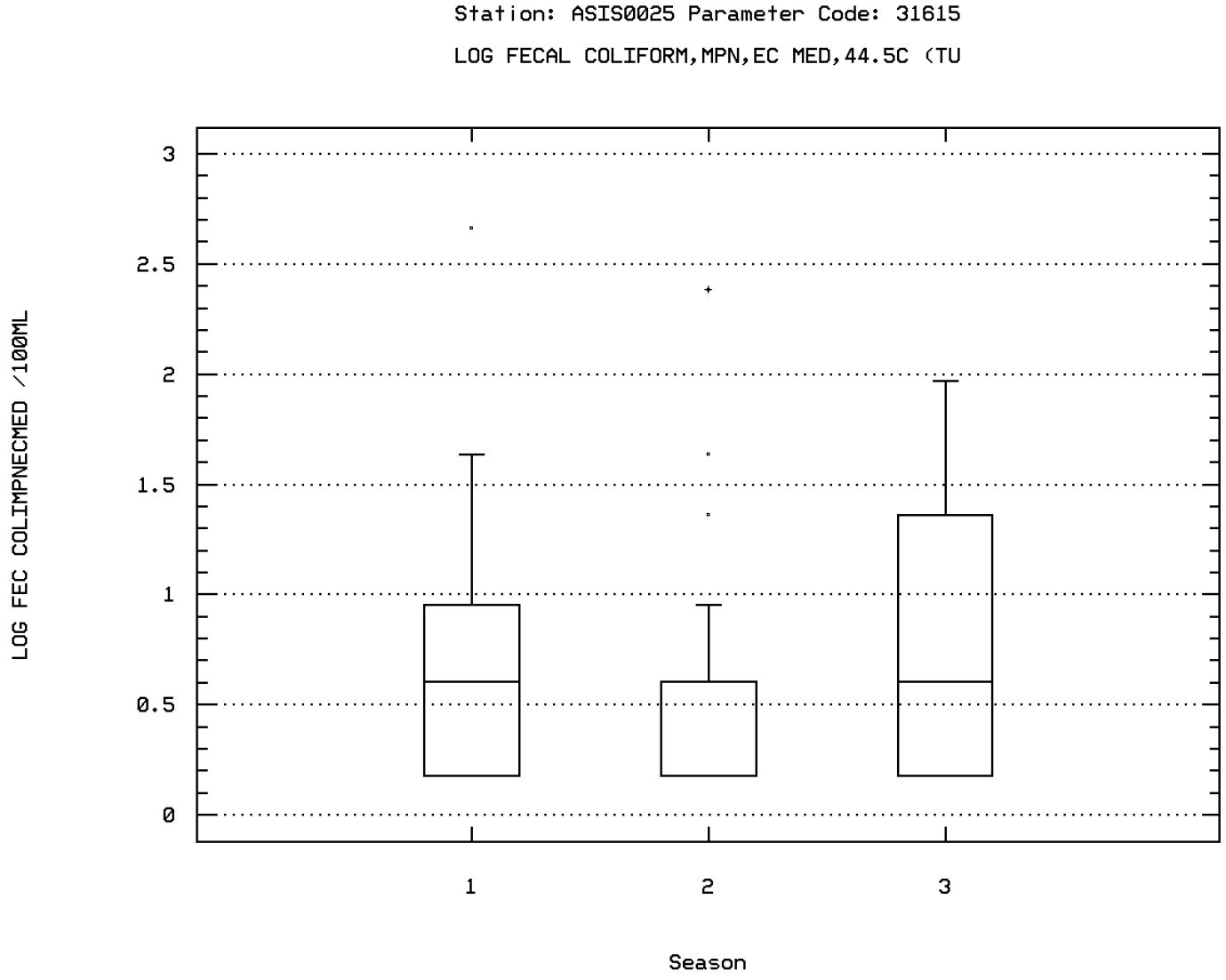
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	38 ##	1.5	10.618	240.	1.5	1518.1	38.963	1.5	1.5	4.	10.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	38 ##	0.176	0.453	2.38	0.176	0.243	0.493	0.176	0.176	0.602	0.995
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.837								
31621p	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/21/66-11/30/82	8 ##	2.55	5.4	15.	1.5	35.949	5.996	**	**	**	**
31621p	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/21/66-11/30/82	8 ##	0.366	0.521	1.176	0.176	0.191	0.437	**	**	**	**
31621p	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.32								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	45	0.	0.13	1.35	0.	0.083	0.289	0.	0.	0.105	0.48
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	45	0.5	0.883	4.93	0.	1.23	1.109	0.	0.	1.5	2.668

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	37	4.	12.595	93.	1.5	337.706	18.377	1.5	1.5	23.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	37	0.602	0.749	1.968	0.176	0.308	0.555	0.176	0.176	1.362	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.605								
31621p	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/21/66-11/30/82	10 ##	2.55	3.65	9.1	1.5	9.169	3.028	1.5	1.5	4.975	9.1
31621p	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/21/66-11/30/82	10 ##	0.366	0.447	0.959	0.176	0.103	0.321	0.176	0.176	0.657	0.959
31621p	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.797								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.759	5.75	0.	1.237	1.112	0.	0.	1.22	2.4

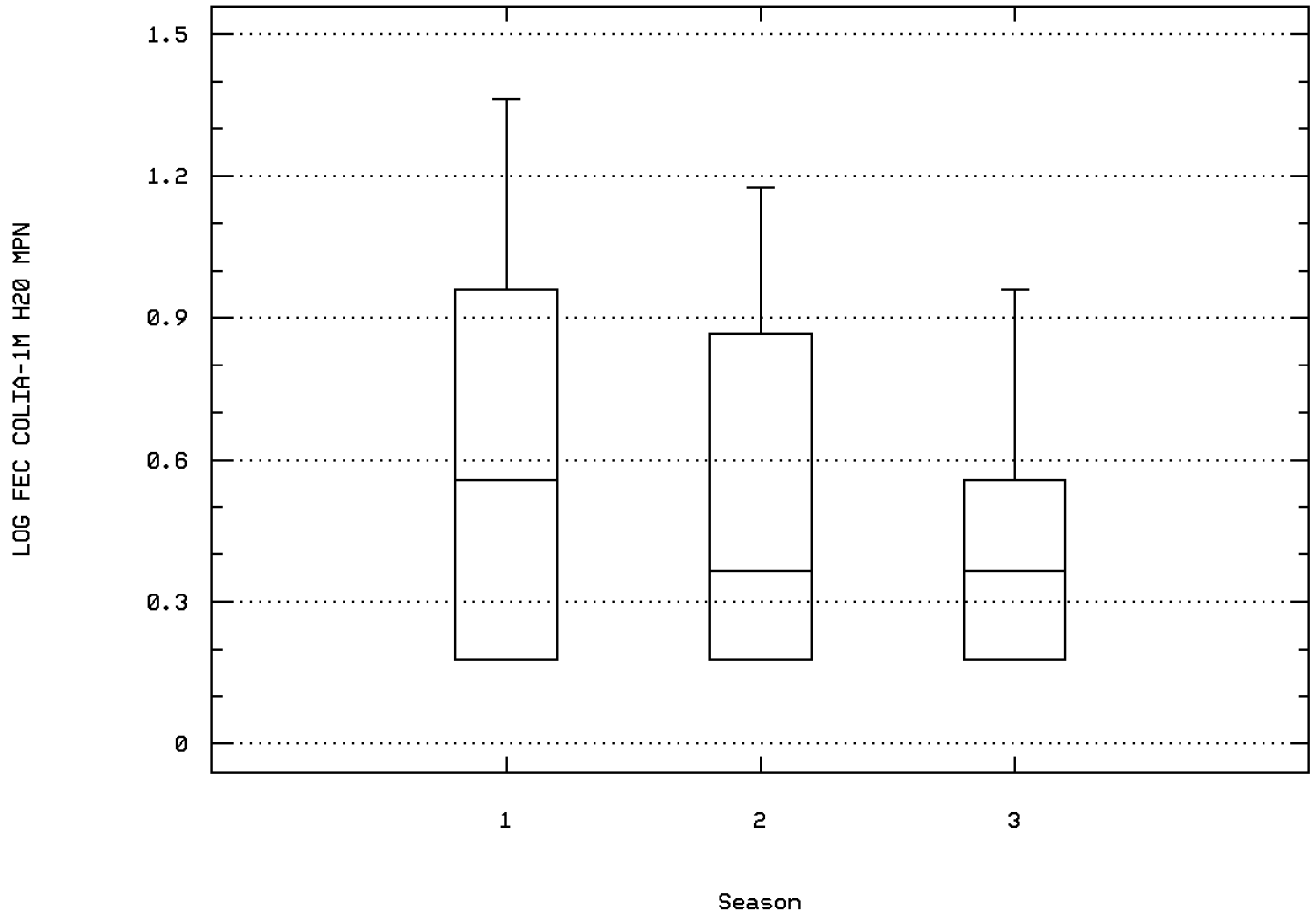
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station: ASIS0025 Parameter Code: 31621

LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0026

NPS Station ID: ASIS0026 LAT/LON: 37.907504/ -75.405281 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1014
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 8.670 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142909.01 RF3 Mile Point: 9.01 Distance from RF3: 0.11 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	49	4.	11.224	150.	1.5	640.949	25.317	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	49	0.602	0.636	2.176	0.176	0.263	0.513	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.326								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-11/30/82	22 ##	2.25	6.632	43.	1.5	95.703	9.783	1.5	1.5	9.1	20.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-11/30/82	22 ##	0.327	0.545	1.633	0.176	0.208	0.456	0.176	0.176	0.959	1.306
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.509								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	22	20.	90.	750.	5.	35564.286	188.585	5.	5.	55.	444.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	22	1.301	1.372	2.875	0.699	0.438	0.662	0.699	0.699	1.736	2.634
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			23.551								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	70	0.	0.204	2.25	0.	0.204	0.452	0.	0.	0.17	0.799
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	70	0.515	2.261	98.	0.	135.946	11.66	0.	0.12	1.288	2.77

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

EPA Water Quality Criteria Analysis for Station: ASIS0026

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	49	0	0.00	18	0	0.00	15	0	0.00	16	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	18	4.	11.444	93.	1.5	508.644	22.553	1.5	1.5	7.5	48.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	18	0.602	0.665	1.968	0.176	0.267	0.517	0.176	0.176	0.872	1.667
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.622								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	27	0.	0.282	2.25	0.	0.276	0.525	0.	0.	0.47	0.912
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	27	0.54	4.348	98.	0.	351.082	18.737	0.	0.21	0.92	2.75

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0026

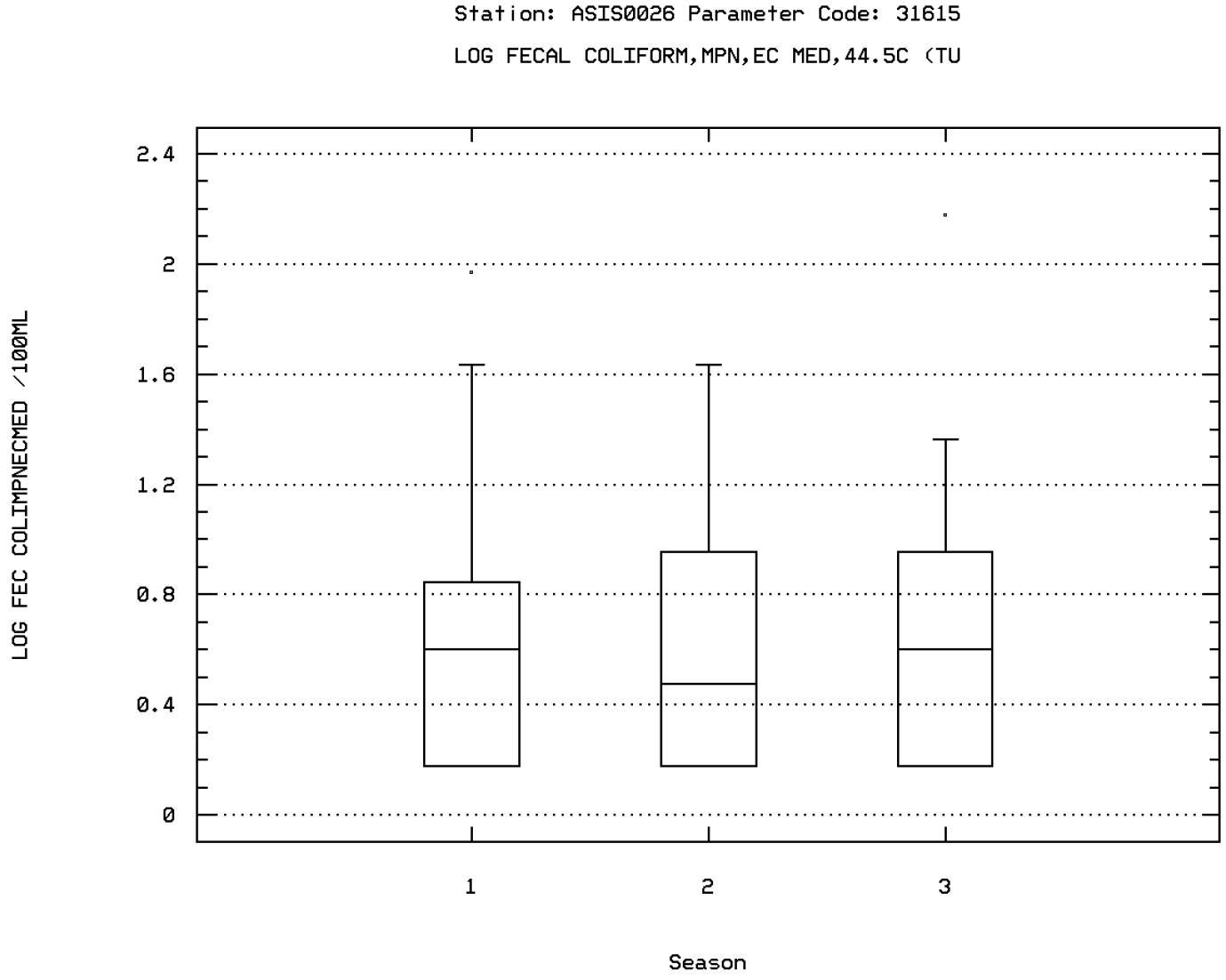
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	15	3.	7.1	43.	1.5	115.543	10.749	1.5	1.5	9.	26.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	15	0.477	0.572	1.633	0.176	0.217	0.466	0.176	0.176	0.954	1.359
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.736								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	19	0.	0.149	1.35	0.	0.104	0.322	0.	0.	0.17	0.51
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	19	0.37	0.753	3.05	0.	0.93	0.965	0.	0.	1.25	2.8

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	16	4.	14.844	150.	1.5	1335.691	36.547	1.5	1.5	9.	61.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-02/11/82	16	0.602	0.663	2.176	0.176	0.331	0.575	0.176	0.176	0.954	1.606
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.608								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	24	0.	0.16	2.	0.	0.208	0.456	0.	0.	0.	0.825
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	24	0.49	1.108	5.75	0.	1.857	1.363	0.	0.223	1.575	2.94

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0027

NPS Station ID: ASIS0027 LAT/LON: 37.908337/ -75.382504 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10151A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 23.480 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010107300.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0027

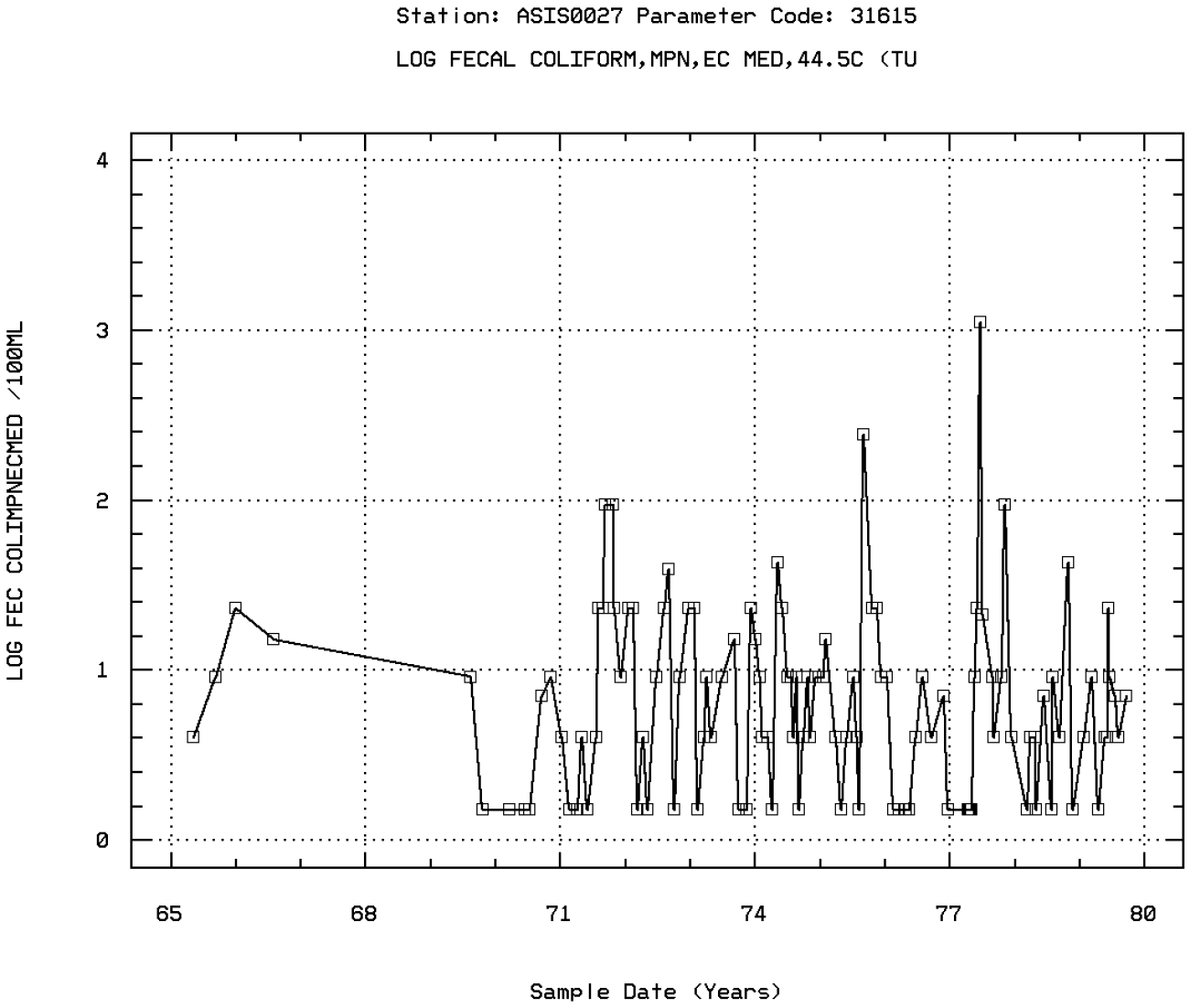
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	115	7.	22.439	1100.	1.5	10990.295	104.835	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	115	0.845	0.799	3.041	0.176	0.289	0.537	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.288								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30	3.6	7.833	43.	1.5	124.104	11.14	1.5	1.5	9.1	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30	0.556	0.621	1.633	0.176	0.204	0.452	0.176	0.176	0.959	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.178								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	141	0.	0.141	2.25	0.	0.126	0.354	0.	0.	0.04	0.584
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	141	0.5	0.848	5.75	0.	1.169	1.081	0.	0.01	1.2	2.4

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

EPA Water Quality Criteria Analysis for Station: ASIS0027

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	115	2	0.02	41	0	0.00	38	1	0.03	36	1	0.03			

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Annual Analysis for 1965 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	0.778	0.778	0.954	0.602	0.062	0.249	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.								

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

Annual Analysis for 1966 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	19.	19.	23.	15.	32.	5.657	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	1.269	1.269	1.362	1.176	0.017	0.131	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.574								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1969 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	5.25	5.25	9.	1.5	28.125	5.303	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	0.565	0.565	0.954	0.176	0.303	0.55	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.674								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5 ##	1.5	4.1	9.	1.5	13.175	3.63	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5 ##	0.176	0.466	0.954	0.176	0.159	0.398	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.921								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	6.5	23.375	93.	1.5	1133.097	33.662	1.5	2.125	23.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.778	0.943	1.968	0.176	0.431	0.657	0.176	0.283	1.362	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.761								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.397	2.25	0.	0.676	0.822	0.	0.	0.383	2.175
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.355	1.334	5.75	0.	3.566	1.888	0.	0.	2.663	5.15

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

Annual Analysis for 1972 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	9.	14.318	39.	1.5	156.664	12.517	1.5	1.5	23.	35.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.954	0.916	1.591	0.176	0.299	0.547	0.176	0.176	1.362	1.545
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.243								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

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

Annual Analysis for 1973 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	6.5	9.15	23.	1.5	71.836	8.476	1.5	1.5	17.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.778	0.754	1.362	0.176	0.227	0.477	0.176	0.176	1.223	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.676								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.172	1.	0.	0.113	0.336	0.	0.	0.28	0.952
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.145	0.671	2.58	0.	0.975	0.987	0.	0.	1.51	2.542

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

Annual Analysis for 1974 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	9.	9.875	43.	1.5	107.55	10.371	1.5	4.	9.	29.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	0.954	0.829	1.633	0.176	0.15	0.388	0.176	0.602	0.954	1.443
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.741								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	9.	28.583	240.	1.5	4488.583	66.997	1.5	4.	21.	174.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.954	0.942	2.38	0.176	0.363	0.603	0.176	0.602	1.315	2.075
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.745								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10 ##	2.75	4.05	9.	1.5	10.025	3.166	1.5	1.5	7.5	9.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10 ##	0.389	0.484	0.954	0.176	0.119	0.346	0.176	0.176	0.872	0.954
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.047								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

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

Annual Analysis for 1977 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	13	9.	98.308	1100.	1.5	91188.814	301.975	1.5	1.5	22.	697.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	13	0.954	0.959	3.041	0.176	0.696	0.834	0.176	0.176	1.342	2.612
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.096								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

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

Annual Analysis for 1978 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	4.	7.7	43.	1.5	160.344	12.663	1.5	1.5	7.5	39.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.602	0.594	1.633	0.176	0.219	0.468	0.176	0.176	0.872	1.566
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.929								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	5.5	7.25	23.	1.5	36.625	6.052	1.75	4.	9.	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.724	0.754	1.362	0.176	0.099	0.315	0.219	0.602	0.954	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.682								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

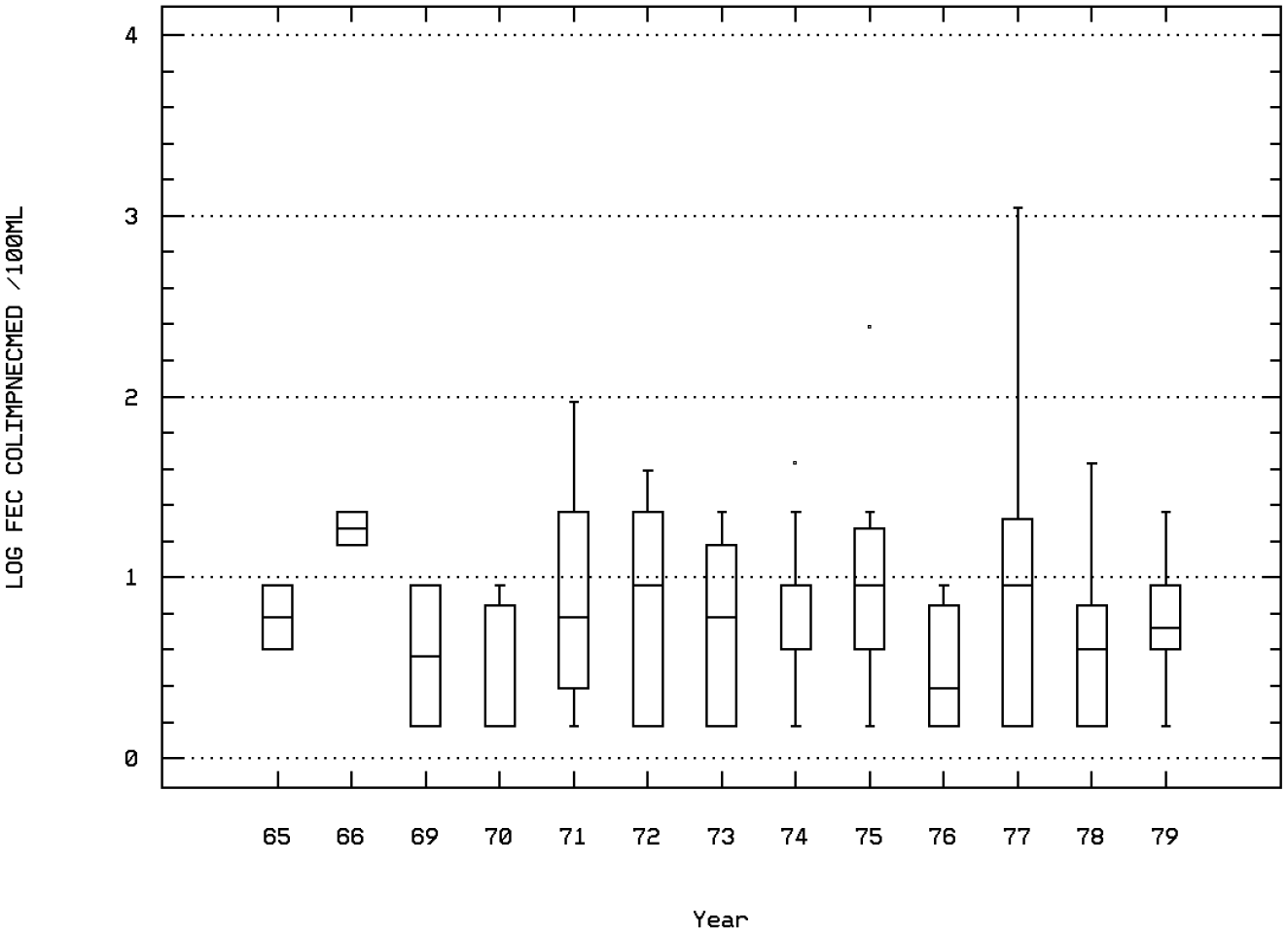
Annual Analysis for 1982 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Station: ASIS0027 Parameter Code: 31615

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	41	9.	14.866	93.	1.5	408.838	20.22	1.5	4.	23.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	41	0.954	0.896	1.968	0.176	0.254	0.504	0.176	0.602	1.362	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.862								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	52	0.	0.162	2.25	0.	0.158	0.398	0.	0.	0.073	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	52	0.535	0.797	4.17	0.	0.994	0.997	0.	0.03	0.965	2.343

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0027

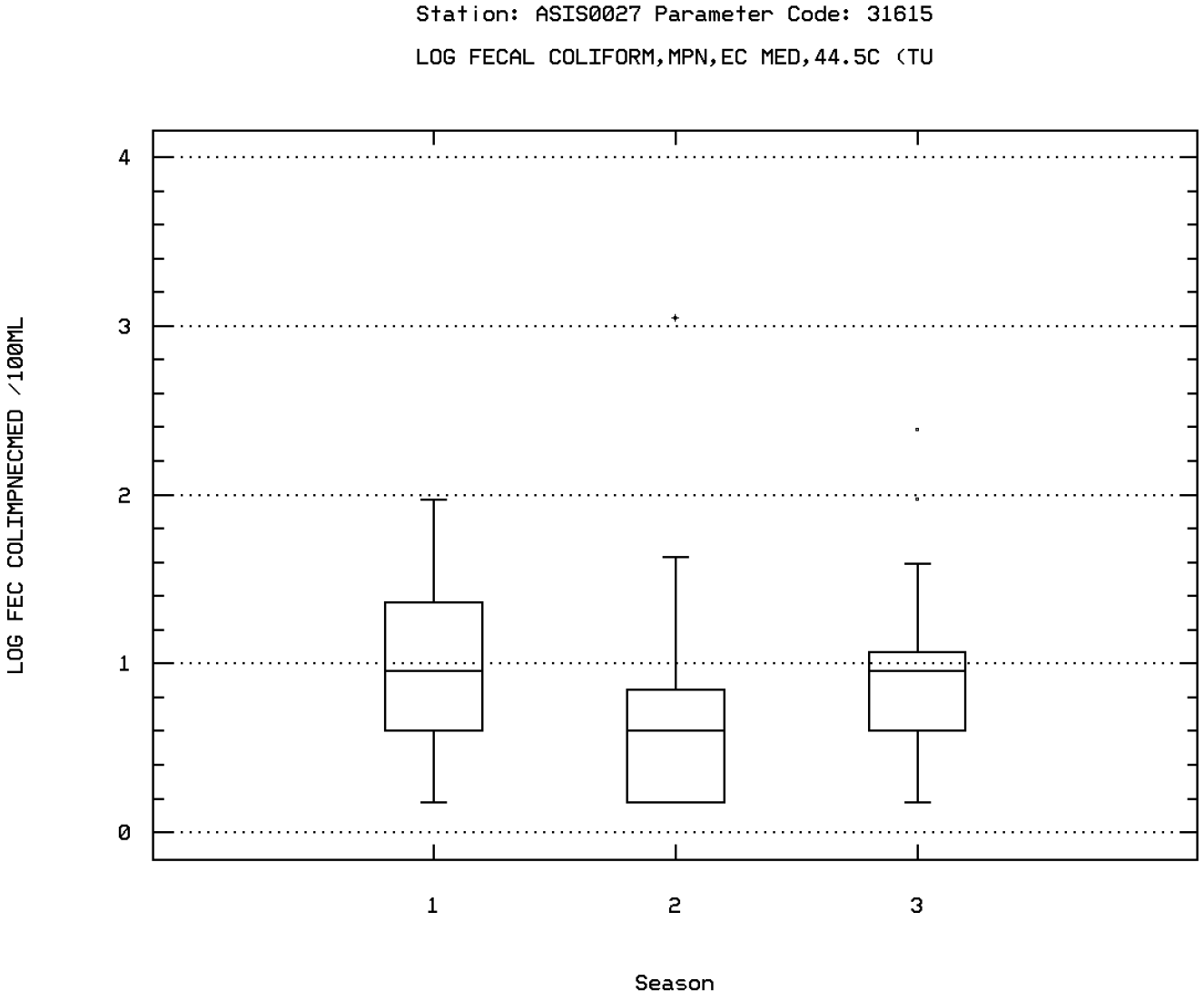
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	38	4.	34.921	1100.	1.5	31559.372	177.65	1.5	1.5	7.5	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	38	0.602	0.617	3.041	0.176	0.33	0.574	0.176	0.176	0.872	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.145								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	43	0.	0.13	1.35	0.	0.087	0.294	0.	0.	0.1	0.49
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	43	0.6	0.992	4.93	0.	1.329	1.153	0.	0.	1.62	2.938

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	9.	17.889	240.	1.5	1709.316	41.344	1.5	4.	13.5	27.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	0.954	0.879	2.38	0.176	0.247	0.497	0.176	0.602	1.121	1.431
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.571								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.772	5.75	0.	1.241	1.114	0.	0.	1.22	2.4

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0028

NPS Station ID: ASIS0028 LAT/LON: 37.909170/ -75.402226 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1015A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 8.280 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010107700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.07 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/68-05/13/69	4	13.6	14.325	24.	6.1	54.162	7.36	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/11/68-05/13/69	3	32.6	32.833	34.	31.9	1.143	1.069	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	44	23.	120.466	1100.	1.5	61531.981	248.056	4.	9.	93.	460.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	44	1.362	1.451	3.041	0.176	0.563	0.75	0.602	0.954	1.968	2.663
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.233								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-10/05/81	11	7.3	46.664	460.	1.5	18805.405	137.133	1.5	1.5	9.1	369.82
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/07/80-10/05/81	11	0.863	0.784	2.663	0.176	0.519	0.72	0.176	0.176	0.959	2.322
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.08								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/05/81	11	80.	194.091	510.	5.	45714.091	213.809	8.	30.	460.	508.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/05/81	11	1.903	1.917	2.708	0.699	0.456	0.675	0.819	1.477	2.663	2.706
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			82.569								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	53	0.	0.16	2.25	0.	0.21	0.458	0.	0.	0.	0.516
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	53	0.58	0.976	5.75	0.	1.397	1.182	0.	0.09	1.375	2.824

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

EPA Water Quality Criteria Analysis for Station: ASIS0028

			Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	44	8	0.18	14	2	0.14	14	1	0.07	16	5	0.31			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	14	19.	176.357	1100.	1.5	153723.286	392.076	1.5	4.	55.5	1100.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	14	1.269	1.334	3.041	0.176	0.806	0.898	0.176	0.602	1.717	3.041
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.601								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	19	0.	0.294	2.25	0.	0.349	0.591	0.	0.	0.47	1.28
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	19	0.64	0.798	3.75	0.	0.868	0.931	0.	0.03	0.98	2.25

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0028

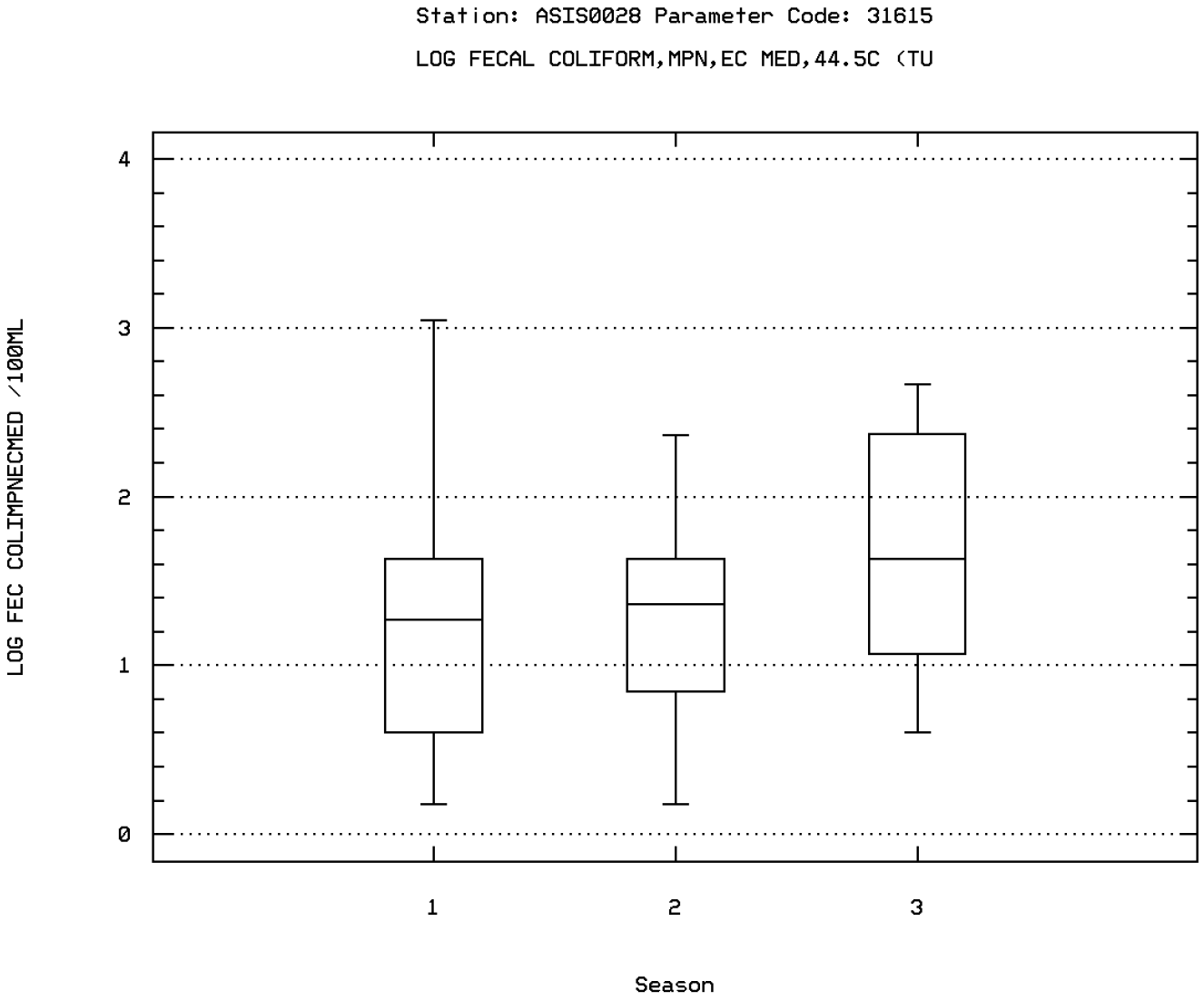
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	14	23.	46.679	230.	1.5	4467.216	66.837	2.75	6.25	55.5	190.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	14	1.362	1.291	2.362	0.176	0.387	0.622	0.389	0.784	1.717	2.269
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.522								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	16	0.	0.054	0.51	0.	0.019	0.138	0.	0.	0.	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	16	0.435	0.808	3.05	0.	0.996	0.998	0.	0.05	1.188	2.875

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	16	43.	136.125	460.	4.	31034.517	176.166	6.1	10.5	237.5	460.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	16	1.633	1.693	2.663	0.602	0.481	0.694	0.772	1.01	2.376	2.663
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			49.286								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	18	0.	0.112	2.	0.	0.222	0.471	0.	0.	0.	0.209
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	18	0.815	1.314	5.75	0.	2.292	1.514	0.	0.113	2.4	3.311

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0029

NPS Station ID: ASIS0029 LAT/LON: 37.909726/ -75.403615 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1015
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 8.280 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.01 RF3 Mile Point: 0.74 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0029

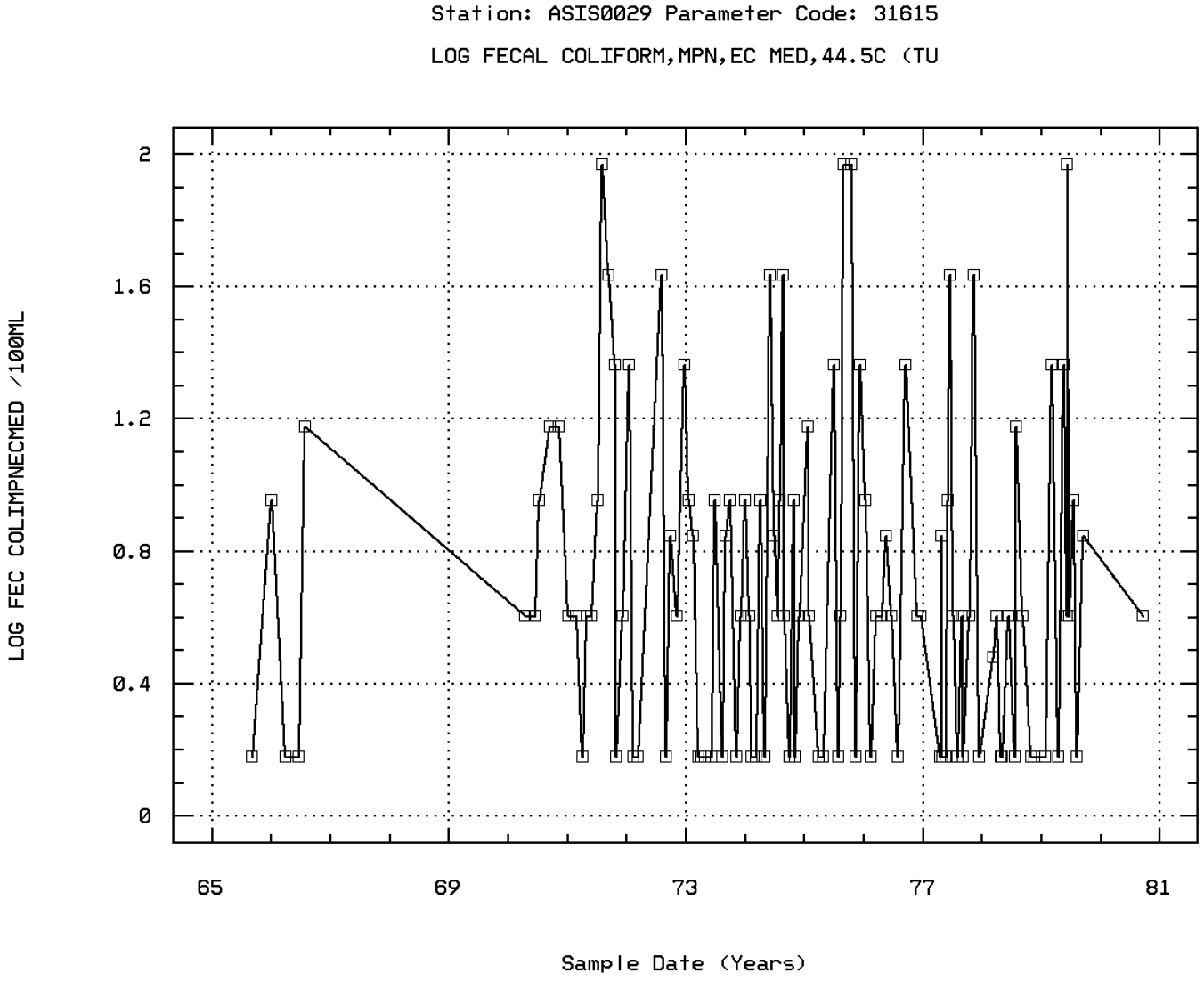
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	112	4.	11.004	93.	1.5	355.322	18.85	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	112	0.602	0.693	1.968	0.176	0.255	0.505	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.928								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	28 ##	1.5	12.607	240.	1.5	2010.12	44.834	1.5	1.5	6.375	14.9
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	28 ##	0.176	0.505	2.38	0.176	0.265	0.515	0.176	0.176	0.787	1.168
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.201								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	33	10.	44.848	340.	5.	5366.383	73.256	5.	5.	50.	154.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	33	1.	1.238	2.531	0.699	0.332	0.577	0.699	0.699	1.69	2.184
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			17.311								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-04/26/76	2	13.	13.	23.	3.	200.	14.142	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/22/75-04/26/76	2	0.919	0.919	1.362	0.477	0.391	0.626	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			8.307								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	137	0.	0.146	2.25	0.	0.128	0.358	0.	0.	0.05	0.536
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	137	0.48	0.825	5.75	0.	1.163	1.078	0.	0.	1.145	2.4

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

EPA Water Quality Criteria Analysis for Station: ASIS0029

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	112	0	0.00	40	0	0.00	35	0	0.00	37	0	0.00			

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Annual Analysis for 1965 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								

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

Annual Analysis for 1966 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	4 ##	5.25	6.75	15.	1.5	42.75	6.538	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	4 ##	0.565	0.621	1.176	0.176	0.272	0.521	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.175								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.5	0.65	1.6	0.	0.623	0.79	**	**	**	**

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

Annual Analysis for 1970 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	5	9.	9.4	15.	4.	30.3	5.505	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	5	0.954	0.902	1.176	0.602	0.083	0.288	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.982								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	11	4.	17.364	93.	1.5	787.605	28.064	1.5	4.	23.	83.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	11	0.602	0.844	1.968	0.176	0.335	0.579	0.176	0.602	1.362	1.901
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.977								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	8	5.5	13.063	43.	1.5	230.531	15.183	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	8	0.724	0.792	1.633	0.176	0.362	0.602	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.188								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.95	1.21	2.4	0.54	0.588	0.767	**	**	**	**

** - 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 box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	12 ##	2.75	4.5	9.	1.5	11.591	3.405	1.5	1.5	8.5	9.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	12 ##	0.389	0.518	0.954	0.176	0.136	0.368	0.176	0.176	0.927	0.954
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.293								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

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

Annual Analysis for 1974 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	16	4.	9.531	43.	1.5	179.516	13.398	1.5	1.5	9.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	16	0.602	0.701	1.633	0.176	0.229	0.478	0.176	0.176	0.954	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.025								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	11	4.	23.727	93.	1.5	1242.918	35.255	1.5	1.5	23.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	11	0.602	0.886	1.968	0.176	0.506	0.711	0.176	0.176	1.362	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.69								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.08	0.33	0.	0.019	0.137	0.	0.	0.193	0.329
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.97	0.951	2.28	0.	0.728	0.853	0.003	0.105	1.728	2.263

** - 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 box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	10	4.	6.2	23.	1.5	39.9	6.317	1.5	3.375	7.5	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	10	0.602	0.652	1.362	0.176	0.122	0.349	0.176	0.496	0.872	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.491								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

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

Annual Analysis for 1977 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	13	4.	9.462	43.	1.5	227.144	15.071	1.5	1.5	8.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	13	0.602	0.61	1.633	0.176	0.283	0.532	0.176	0.176	0.9	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.073								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.478	2.37	0.	0.666	0.816	0.	0.	0.663	2.229

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

Annual Analysis for 1978 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	10 ##	2.25	3.75	15.	1.5	16.958	4.118	1.5	1.5	4.	13.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	10 ##	0.327	0.434	1.176	0.176	0.108	0.328	0.176	0.176	0.602	1.119
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.716								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	10	5.5	16.75	93.	1.5	785.569	28.028	1.5	1.5	23.	86.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	10	0.724	0.822	1.968	0.176	0.363	0.602	0.176	0.176	1.362	1.908
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.643								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0029

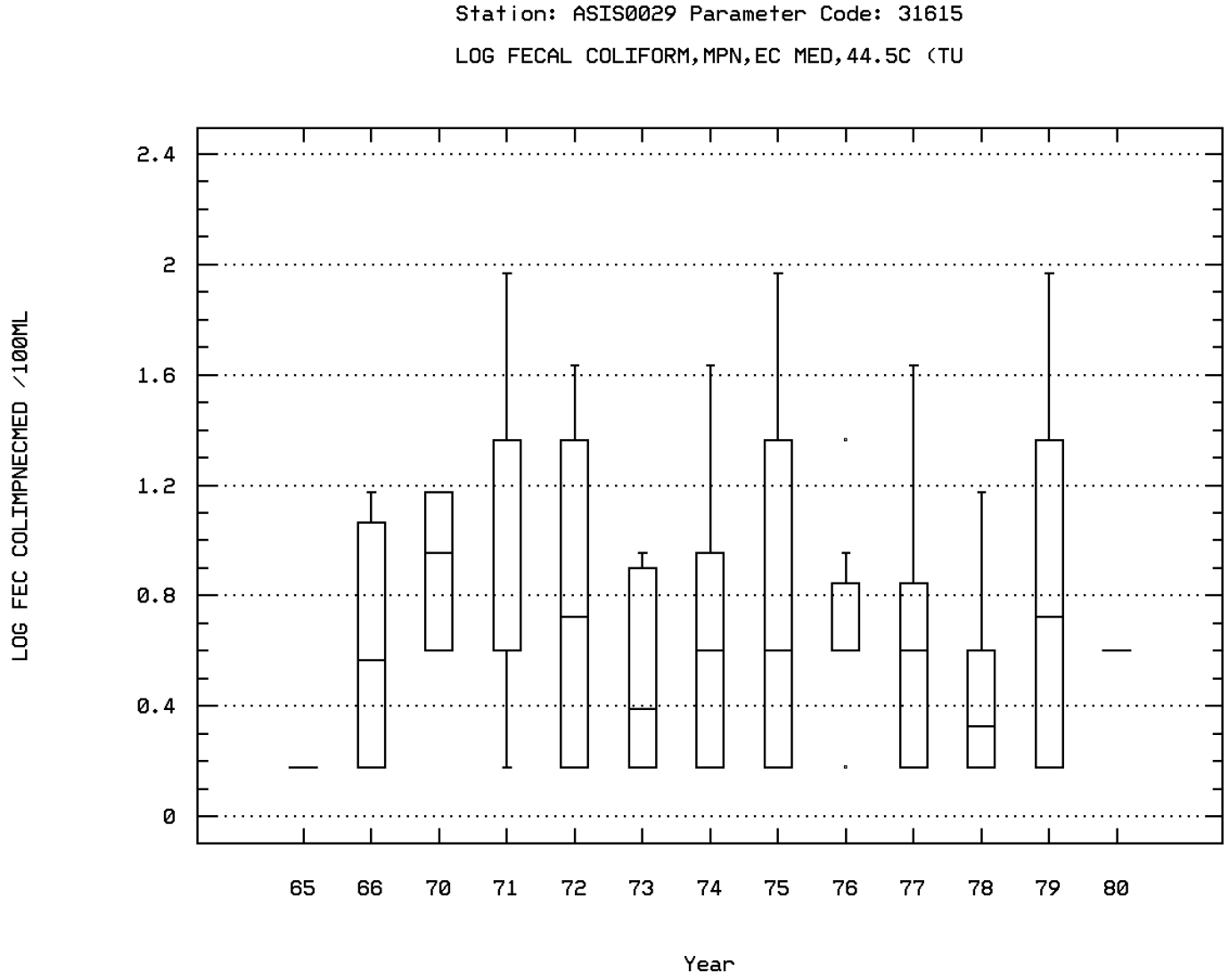
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.085	0.196	0.85	0.	0.085	0.292	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.37	0.448	1.4	0.	0.244	0.494	**	**	**	**

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

Annual Analysis for 1982 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	40	4.	9.988	93.	1.5	263.365	16.229	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	40	0.602	0.694	1.968	0.176	0.236	0.485	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.945								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	50	0.	0.166	2.25	0.	0.162	0.402	0.	0.	0.11	0.659
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	50	0.55	0.82	4.17	0.	1.019	1.01	0.	0.03	0.98	2.361

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	35	4.	8.629	93.	1.5	315.946	17.775	1.5	1.5	4.	31.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	35	0.602	0.561	1.968	0.176	0.229	0.478	0.176	0.176	0.602	1.47
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.639								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	41	0.	0.142	1.35	0.	0.09	0.3	0.	0.	0.14	0.5
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	41	0.5	0.905	4.93	0.	1.301	1.141	0.	0.	1.5	2.756

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

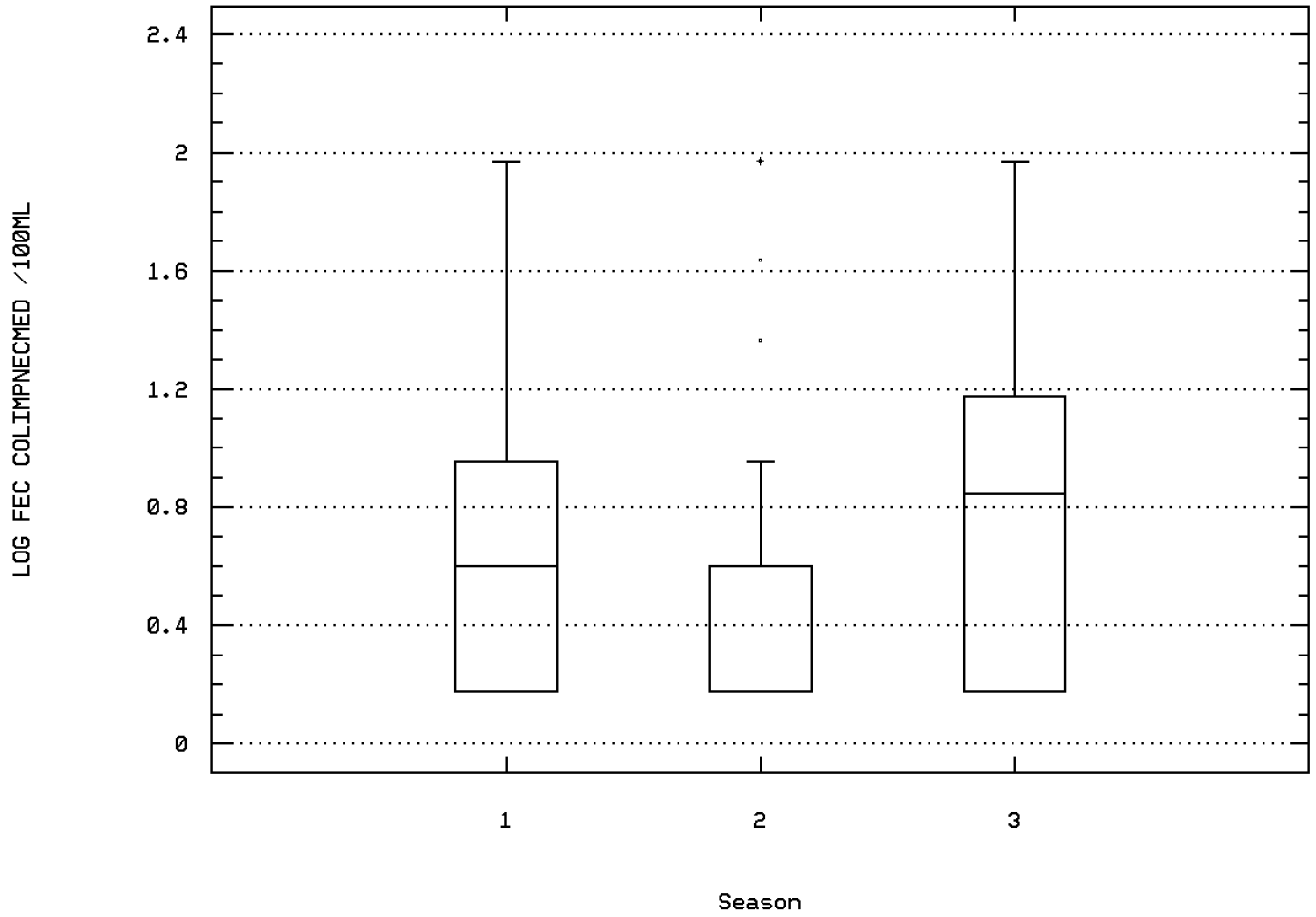
Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	37	7.	14.351	93.	1.5	493.72	22.22	1.5	1.5	15.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/16/80	37	0.845	0.815	1.968	0.176	0.283	0.532	0.176	0.176	1.176	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.538								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.759	5.75	0.	1.237	1.112	0.	0.	1.22	2.4

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

Station: ASIS0029 Parameter Code: 31615

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0030

NPS Station ID: ASIS0030 LAT/LON: 37.911670/ -75.381115 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10150Z
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 14.110 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010106400.00 RF3 Mile Point: 0.09 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0030

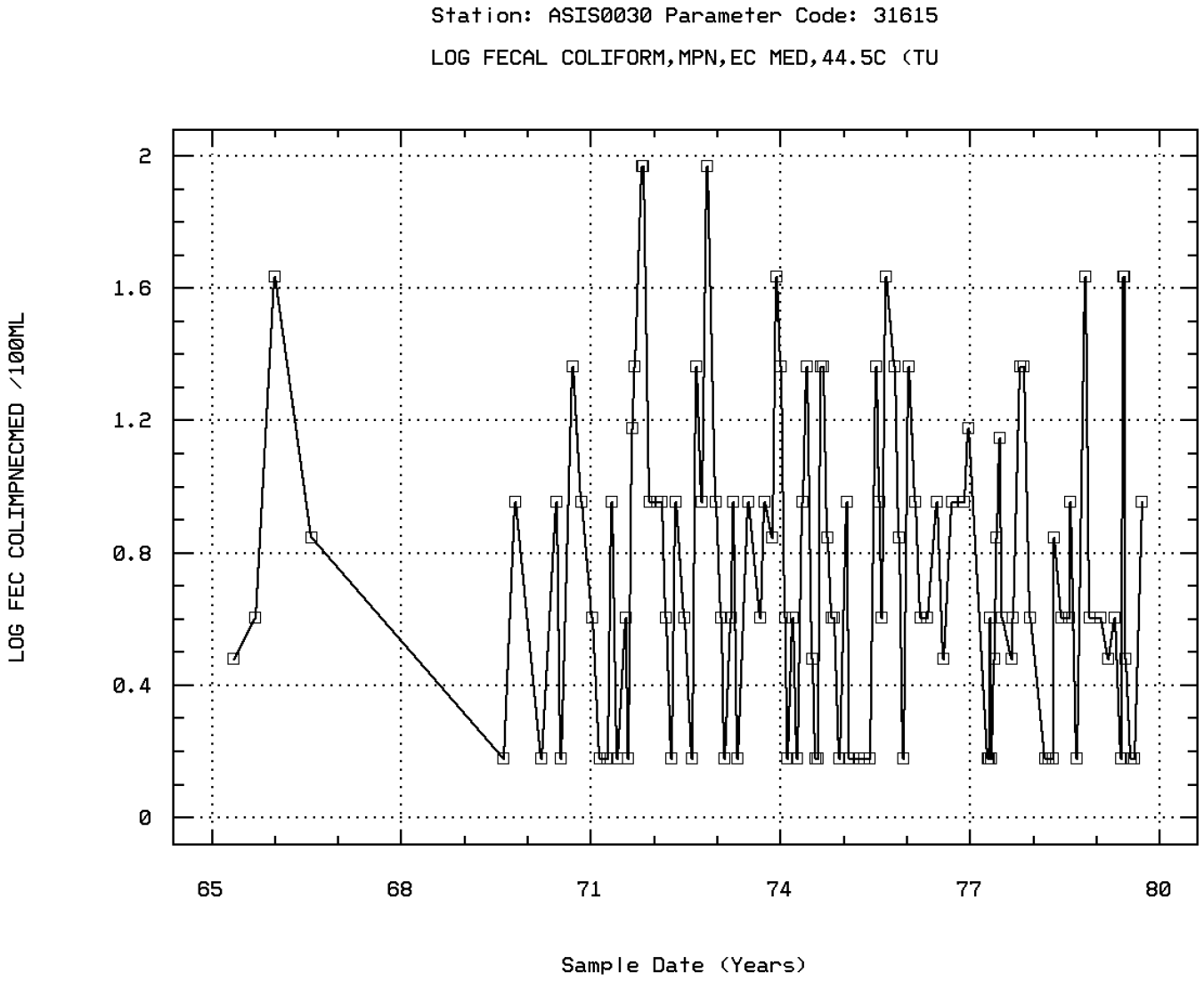
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	114	4.	11.057	93.	1.5	289.295	17.009	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	114	0.602	0.744	1.968	0.176	0.233	0.483	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.551								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30	3.6	6.953	43.	1.5	84.956	9.217	1.5	1.5	7.75	22.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30	0.556	0.586	1.633	0.176	0.202	0.45	0.176	0.176	0.887	1.343
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.855								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	140	0.	0.133	2.25	0.	0.116	0.34	0.	0.	0.03	0.519
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	140	0.5	0.854	5.75	0.	1.172	1.083	0.	0.023	1.2	2.4

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

EPA Water Quality Criteria Analysis for Station: ASIS0030

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	114	0	0.00	41	0	0.00	37	0	0.00	36	0	0.00			

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



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Annual Analysis for 1965 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	0.54	0.54	0.602	0.477	0.008	0.088	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.464								

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

Annual Analysis for 1966 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	25.	25.	43.	7.	648.	25.456	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	1.239	1.239	1.633	0.845	0.311	0.557	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.349								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1969 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	5.25	5.25	9.	1.5	28.125	5.303	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	0.565	0.565	0.954	0.176	0.303	0.55	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.674								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	9.	8.8	23.	1.5	77.075	8.779	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	0.954	0.724	1.362	0.176	0.278	0.528	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.302								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	6.5	21.333	93.	1.5	1163.061	34.104	1.5	1.5	21.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.778	0.858	1.968	0.176	0.439	0.663	0.176	0.176	1.315	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.205								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.397	2.25	0.	0.676	0.822	0.	0.	0.383	2.175
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.355	1.334	5.75	0.	3.566	1.888	0.	0.	2.663	5.15

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

Annual Analysis for 1972 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	9.	15.636	93.	1.5	693.005	26.325	1.5	4.	9.	79.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.954	0.878	1.968	0.176	0.259	0.509	0.176	0.602	0.954	1.847
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.55								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

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

Annual Analysis for 1973 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	5.5	9.2	43.	1.5	149.678	12.234	1.5	3.375	9.	39.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.724	0.75	1.633	0.176	0.182	0.427	0.176	0.496	0.954	1.566
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.623								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.172	1.	0.	0.113	0.336	0.	0.	0.28	0.952
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.145	0.671	2.58	0.	0.975	0.987	0.	0.	1.51	2.542

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

Annual Analysis for 1974 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	4.	8.406	23.	1.5	79.974	8.943	1.5	1.5	19.5	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	0.602	0.688	1.362	0.176	0.22	0.469	0.176	0.176	1.26	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.878								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	5.5	10.458	43.	1.5	166.612	12.908	1.5	1.5	19.5	37.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.724	0.716	1.633	0.176	0.298	0.546	0.176	0.176	1.26	1.552
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.201								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	9.	9.444	23.	3.	39.528	6.287	3.	4.	12.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	0.954	0.893	1.362	0.477	0.082	0.287	0.477	0.602	1.065	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.814								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.03	0.124	0.68	0.	0.051	0.225	0.	0.	0.18	0.68
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.56	0.489	1.4	0.	0.193	0.439	0.	0.045	0.66	1.4

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

Annual Analysis for 1977 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	13	4.	7.192	23.	1.5	59.939	7.742	1.5	2.25	10.5	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	13	0.602	0.662	1.362	0.176	0.17	0.412	0.176	0.327	0.996	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.592								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

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

Annual Analysis for 1978 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	4.	7.7	43.	1.5	160.344	12.663	1.5	1.5	7.5	39.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.602	0.594	1.633	0.176	0.219	0.468	0.176	0.176	0.872	1.566
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.929								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	3.5	11.35	43.	1.5	283.058	16.824	1.5	1.5	17.5	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.54	0.691	1.633	0.176	0.305	0.553	0.176	0.176	1.124	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.907								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0030

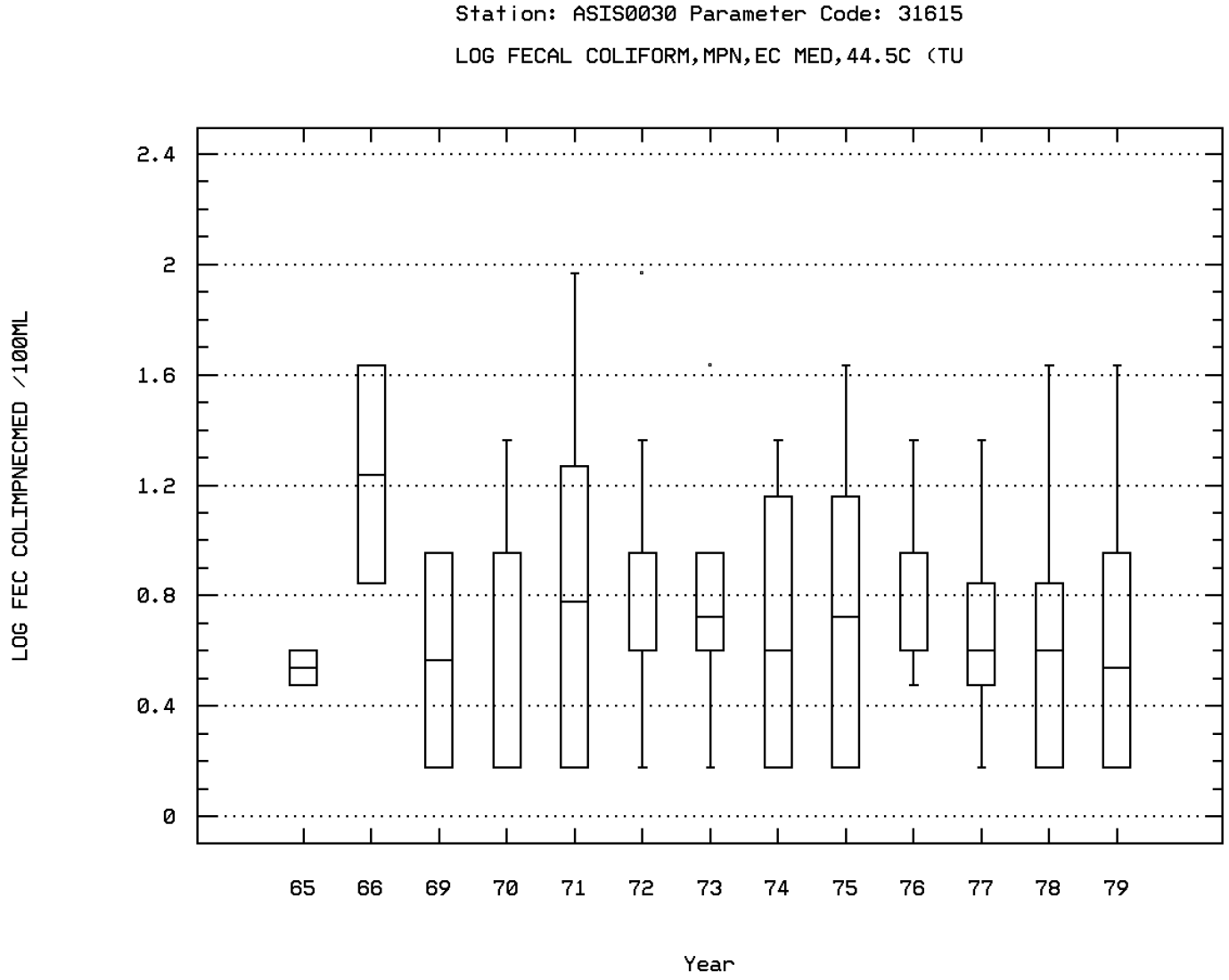
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

Annual Analysis for 1982 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	41	9.	16.744	93.	1.5	597.027	24.434	1.5	4.	23.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	41	0.954	0.898	1.968	0.176	0.274	0.523	0.176	0.602	1.362	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.898								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	52	0.	0.162	2.25	0.	0.158	0.398	0.	0.	0.073	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	52	0.535	0.797	4.17	0.	0.994	0.997	0.	0.03	0.965	2.343

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37	4.	6.77	43.	1.5	96.772	9.837	1.5	1.5	9.	15.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37	0.602	0.58	1.633	0.176	0.184	0.429	0.176	0.176	0.954	1.189
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.806								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.	0.101	1.	0.	0.051	0.227	0.	0.	0.063	0.451
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.64	1.015	4.93	0.	1.337	1.156	0.	0.	1.658	2.961

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

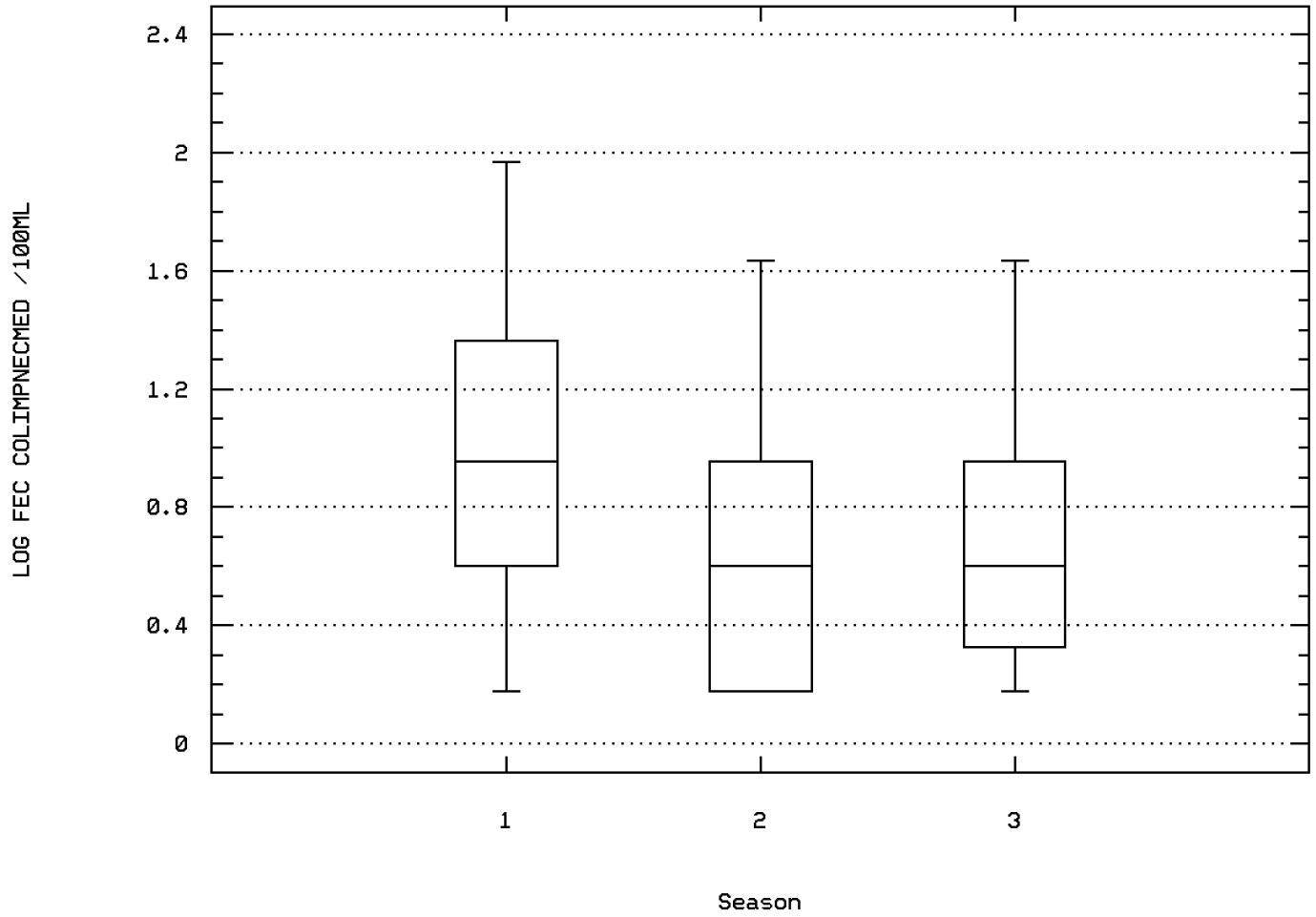
Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	4.	8.986	43.	1.5	90.436	9.51	1.5	1.875	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	0.602	0.738	1.633	0.176	0.196	0.443	0.176	0.251	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.475								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.772	5.75	0.	1.241	1.114	0.	0.	1.22	2.4

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

Station: ASIS0030 Parameter Code: 31615

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



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Station Inventory for Station: ASIS0031

NPS Station ID: ASIS0031 LAT/LON: 37.912504/ -75.400282 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1016
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 8.030 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010110200.00 RF3 Mile Point: 2.40 Distance from RF3: 0.29 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	47	4.	9.479	43.	1.5	152.086	12.332	1.5	1.5	9.	27.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	47	0.602	0.69	1.633	0.176	0.233	0.483	0.176	0.176	0.954	1.416
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.898								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-11/30/82	25 ##	1.5	7.028	75.	1.5	235.385	15.342	1.5	1.5	3.6	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-11/30/82	25 ##	0.176	0.474	1.875	0.176	0.211	0.459	0.176	0.176	0.556	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.975								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	27	20.	69.815	560.	5.	16908.618	130.033	5.	5.	80.	194.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	27	1.301	1.332	2.748	0.699	0.42	0.648	0.699	0.699	1.903	2.239
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			21.467								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	71	0.	0.202	2.25	0.	0.202	0.449	0.	0.	0.17	0.798
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	71	0.53	0.913	5.75	0.	1.233	1.111	0.	0.15	1.25	2.74

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

EPA Water Quality Criteria Analysis for Station: ASIS0031

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	47	0	0.00	16	0	0.00	14	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

Annual Analysis for 1966 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	3	1.	0.867	1.6	0.	0.653	0.808	**	**	**	**

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

Annual Analysis for 1968 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	1.09	1.423	2.4	0.64	0.604	0.777	**	**	**	**

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

Annual Analysis for 1976 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.075	0.363	1.35	0.	0.301	0.549	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.325	0.457	1.4	0.	0.316	0.563	**	**	**	**

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

Annual Analysis for 1977 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.22	0.22	0.22	0.22	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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	1.02	1.441	3.05	0.	1.546	1.244	0.	0.315	2.77	3.05

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

Annual Analysis for 1979 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.055	0.348	1.28	0.	0.389	0.624	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.51	1.028	2.84	0.25	1.488	1.22	**	**	**	**

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

Annual Analysis for 1980 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	7	0.	0.119	0.82	0.	0.096	0.309	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	7	0.48	0.571	1.71	0.15	0.29	0.538	**	**	**	**

** - 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 box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

Annual Analysis for 1982 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	16	4.	6.938	43.	1.5	117.996	10.863	1.5	1.875	4.	29.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	16	0.602	0.6	1.633	0.176	0.159	0.399	0.176	0.251	0.602	1.443
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.978								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	26	0.	0.293	2.25	0.	0.284	0.533	0.	0.	0.502	0.958
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	26	0.555	0.763	3.75	0.	0.802	0.896	0.	0.165	0.935	2.325

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0031

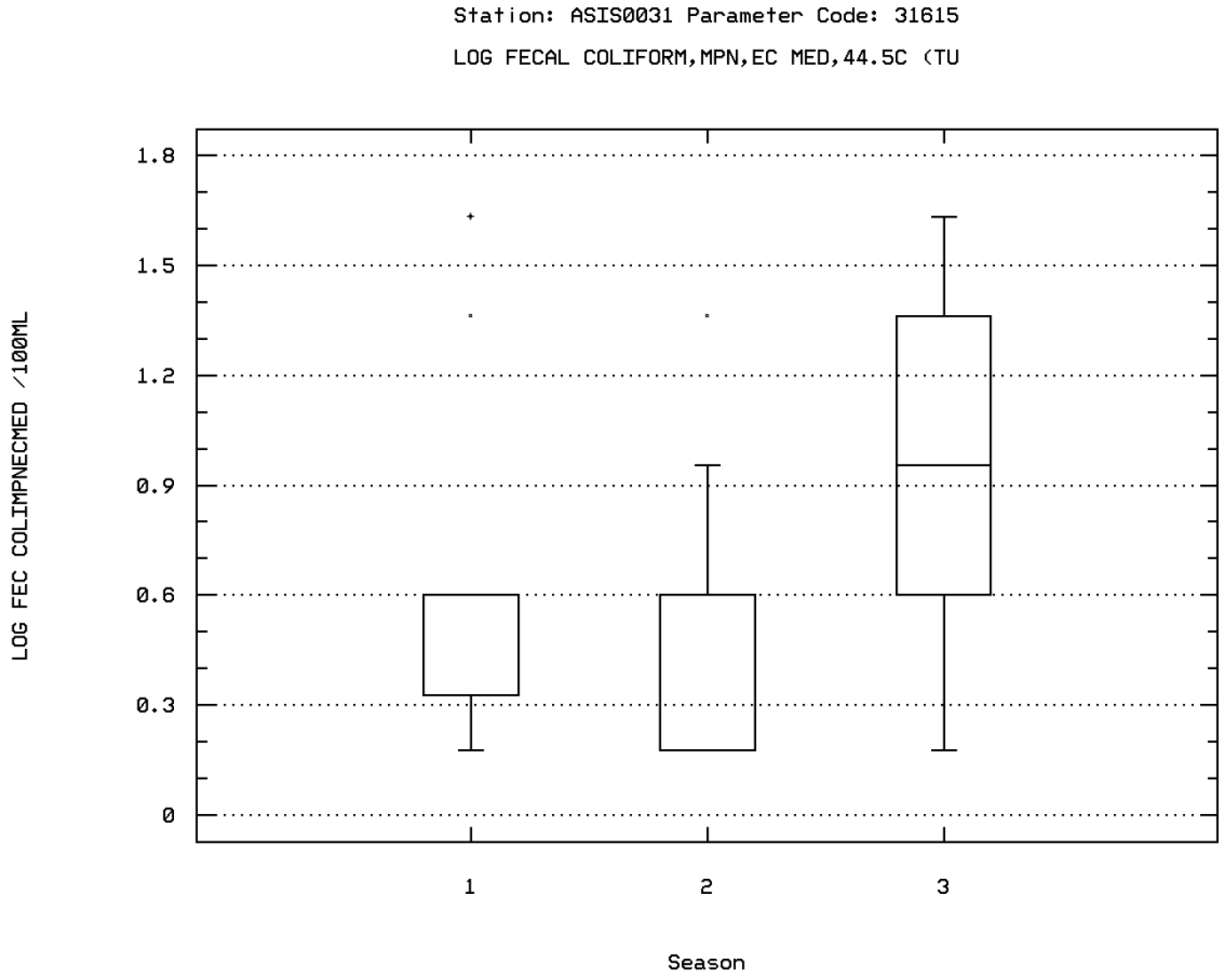
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	14 ##	1.5	4.5	23.	1.5	33.962	5.828	1.5	1.5	4.75	16.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	14 ##	0.176	0.455	1.362	0.176	0.147	0.383	0.176	0.176	0.663	1.158
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.854								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	19	0.	0.151	1.35	0.	0.103	0.321	0.	0.	0.17	0.51
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	19	0.5	0.917	3.11	0.	1.179	1.086	0.	0.	1.4	3.05

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	17	9.	15.971	43.	1.5	226.108	15.037	1.5	4.	23.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	17	0.954	0.968	1.633	0.176	0.263	0.513	0.176	0.602	1.362	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.294								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	26	0.	0.147	2.	0.	0.193	0.439	0.	0.	0.	0.815
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	26	0.49	1.062	5.75	0.	1.755	1.325	0.	0.203	1.525	2.9

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



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Station Inventory for Station: ASIS0032

NPS Station ID: ASIS0032 LAT/LON: 37.913892/ -75.370004 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10147.2Z
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 14.750 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010024500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.07 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	114	4.	12.68	240.	1.5	876.664	29.609	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	114	0.602	0.709	2.38	0.176	0.252	0.502	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.112								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30	3.6	10.063	75.	1.5	275.149	16.588	1.5	1.5	9.575	41.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30	0.556	0.647	1.875	0.176	0.261	0.511	0.176	0.176	0.98	1.606
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.434								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/18/81-08/18/81	1	230.	230.	230.	230.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/18/81-08/18/81	1	2.362	2.362	2.362	2.362	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			230.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	140	0.	0.142	2.25	0.	0.126	0.355	0.	0.	0.045	0.592
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	140	0.49	0.85	5.75	0.	1.177	1.085	0.	0.005	1.2	2.4

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

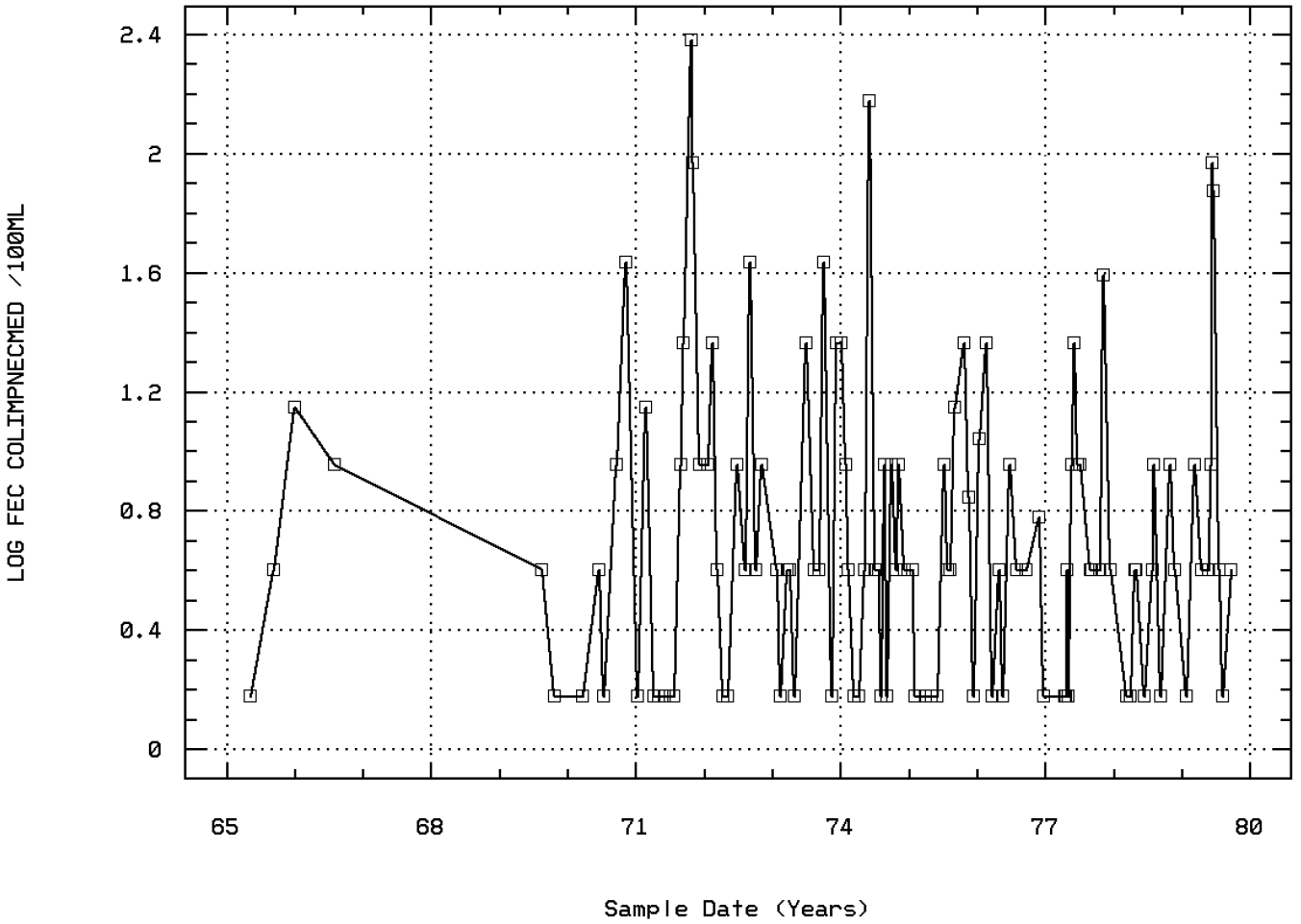
EPA Water Quality Criteria Analysis for Station: ASIS0032

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	114	1	0.01	40	1	0.03	38	0	0.00	36	0	0.00			

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

Station: ASIS0032 Parameter Code: 31615

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



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Annual Analysis for 1965 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								

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

Annual Analysis for 1966 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	11.5	11.5	14.	9.	12.5	3.536	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	1.05	1.05	1.146	0.954	0.018	0.136	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.225								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1969 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	4.	11.8	43.	1.5	313.575	17.708	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	0.602	0.708	1.633	0.176	0.374	0.611	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.11								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	9.	35.955	240.	1.5	5292.723	72.751	1.5	1.5	23.	210.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.954	0.877	2.38	0.176	0.623	0.789	0.176	0.176	1.362	2.298
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.531								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.433	2.25	0.	0.726	0.852	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.4	1.455	5.75	0.	3.728	1.931	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	6.5	10.8	43.	1.5	167.456	12.94	1.5	3.375	12.5	41.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.778	0.802	1.633	0.176	0.22	0.469	0.176	0.496	1.056	1.606
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.333								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	1.09	1.376	3.03	0.03	0.927	0.963	0.081	0.615	2.4	2.967

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

Annual Analysis for 1973 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	4.	10.318	43.	1.5	182.264	13.501	1.5	1.5	23.	39.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.602	0.718	1.633	0.176	0.262	0.511	0.176	0.176	1.362	1.579
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.221								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.156	1.	0.	0.104	0.323	0.	0.	0.2	0.904
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.09	0.61	2.58	0.	0.918	0.958	0.	0.	1.28	2.504

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

Annual Analysis for 1974 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	4.	14.938	150.	1.5	1325.863	36.412	1.5	2.125	9.	61.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	0.602	0.729	2.176	0.176	0.268	0.517	0.176	0.283	0.954	1.606
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.364								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	4.	6.042	23.	1.5	43.294	6.58	1.5	1.5	8.5	20.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.602	0.583	1.362	0.176	0.178	0.422	0.176	0.176	0.927	1.297
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.827								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	4.	6.55	23.	1.5	43.636	6.606	1.5	1.5	9.5	21.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.602	0.647	1.362	0.176	0.161	0.401	0.176	0.176	0.976	1.33
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.436								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

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

Annual Analysis for 1977 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	13	4.	8.731	39.	1.5	115.734	10.758	1.5	2.75	9.	32.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	13	0.602	0.72	1.591	0.176	0.191	0.437	0.176	0.389	0.954	1.499
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.243								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

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

Annual Analysis for 1978 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	4.	4.	9.	1.5	8.333	2.887	1.5	1.5	5.25	9.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.602	0.502	0.954	0.176	0.097	0.312	0.176	0.176	0.69	0.954
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.178								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	4.	20.5	93.	1.5	1144.667	33.833	1.5	3.375	25.5	91.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.602	0.851	1.968	0.176	0.386	0.622	0.176	0.496	1.184	1.959
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.1								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

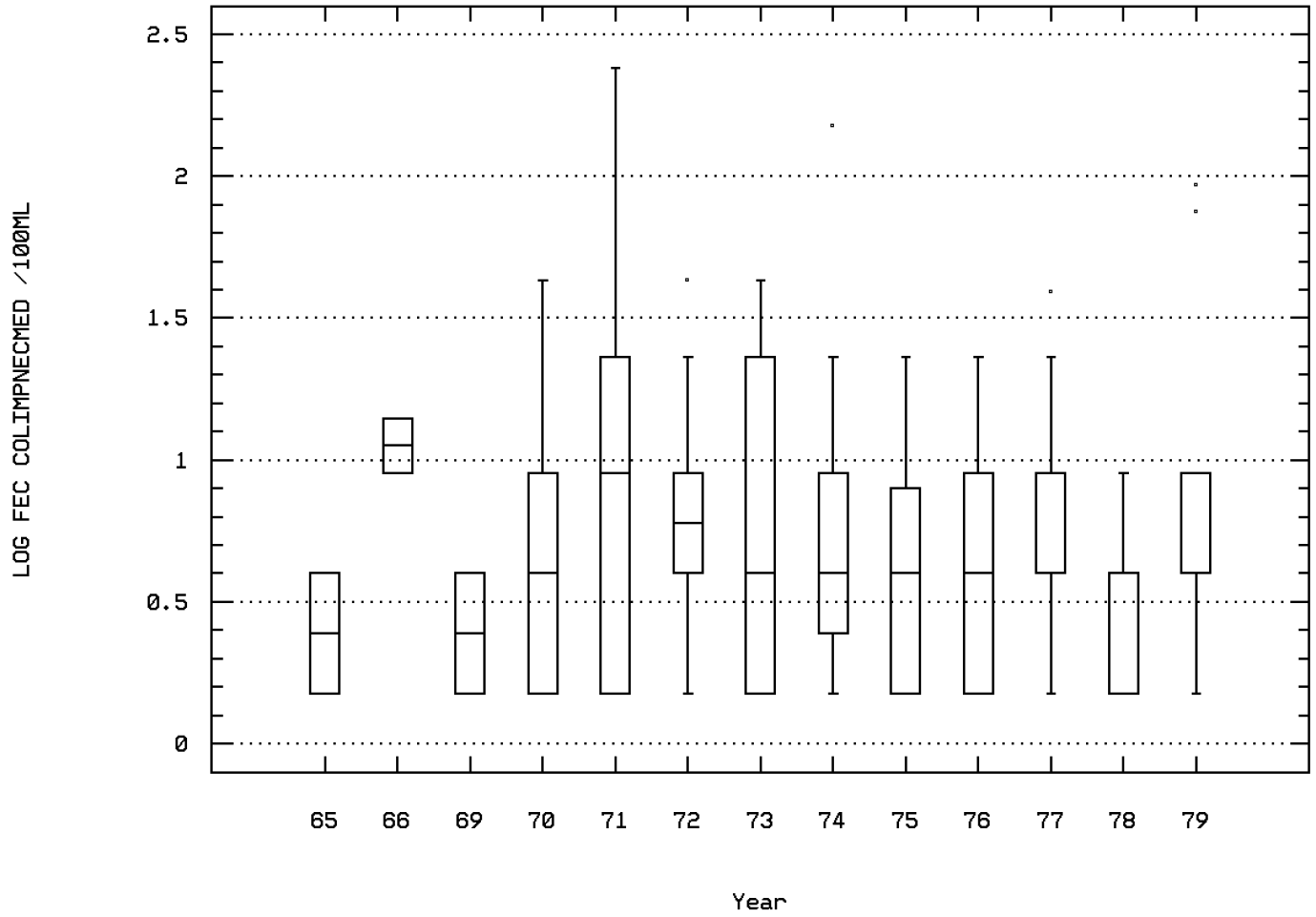
Annual Analysis for 1982 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Station: ASIS0032 Parameter Code: 31615

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	40	6.5	17.4	240.	1.5	1576.541	39.706	1.5	2.125	14.	37.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	40	0.812	0.83	2.38	0.176	0.293	0.542	0.176	0.283	1.146	1.568
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.76								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	51	0.	0.165	2.25	0.	0.161	0.401	0.	0.	0.08	0.664
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	51	0.53	0.801	4.17	0.	1.013	1.007	0.	0.03	0.98	2.352

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0032

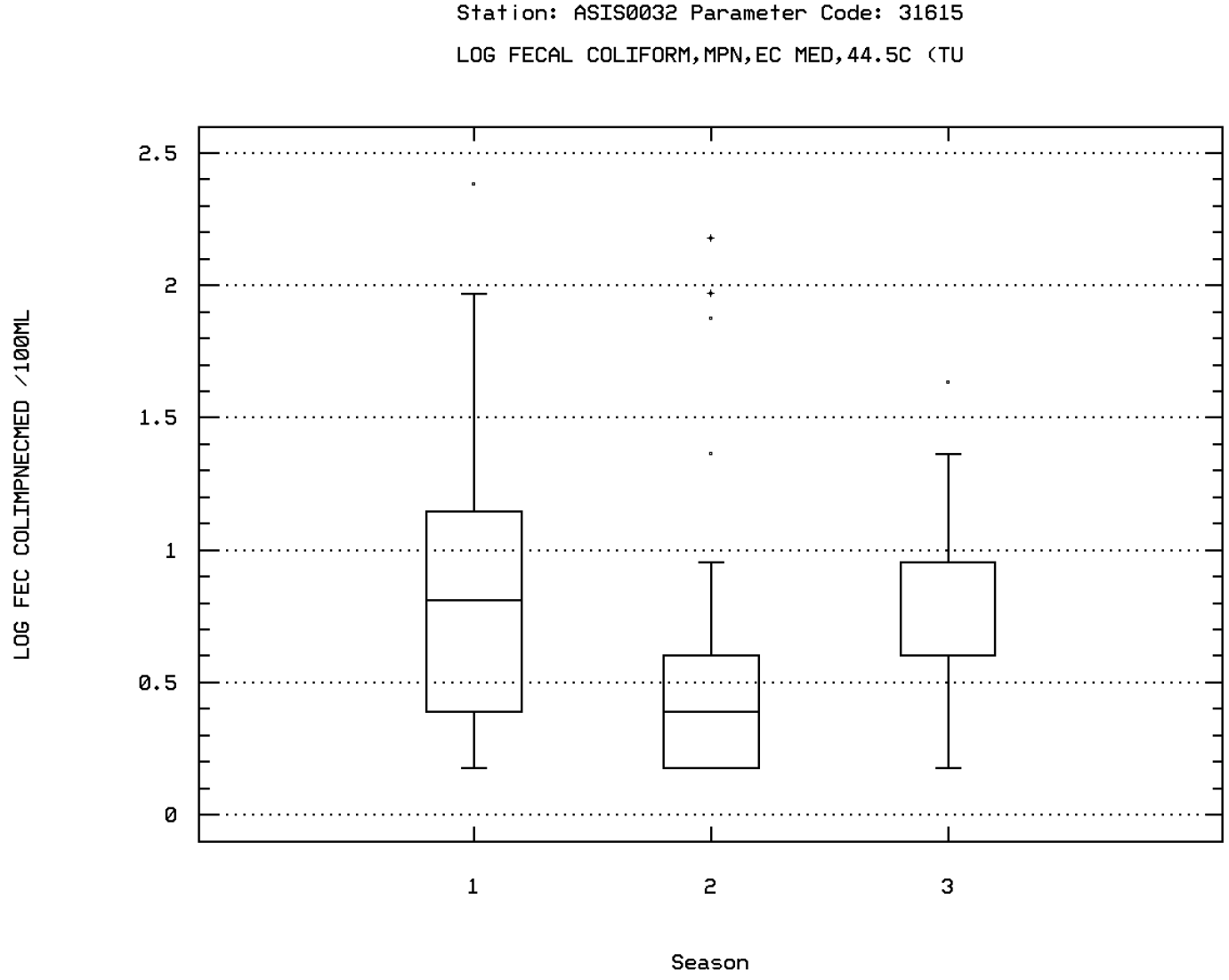
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	38 ##	2.75	11.961	150.	1.5	877.694	29.626	1.5	1.5	5.25	28.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	38 ##	0.389	0.566	2.176	0.176	0.285	0.534	0.176	0.176	0.69	1.413
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.684								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	43	0.	0.13	1.35	0.	0.087	0.294	0.	0.	0.1	0.49
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	43	0.6	0.992	4.93	0.	1.329	1.153	0.	0.	1.62	2.938

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	4.	8.194	43.	1.5	99.09	9.954	1.5	4.	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	0.602	0.724	1.633	0.176	0.146	0.383	0.176	0.602	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.296								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.772	5.75	0.	1.241	1.114	0.	0.	1.22	2.4

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



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Station Inventory for Station: ASIS0033

NPS Station ID: ASIS0033 LAT/LON: 37.913892/ -75.378060 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10148Z
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 14.360 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010119700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0033

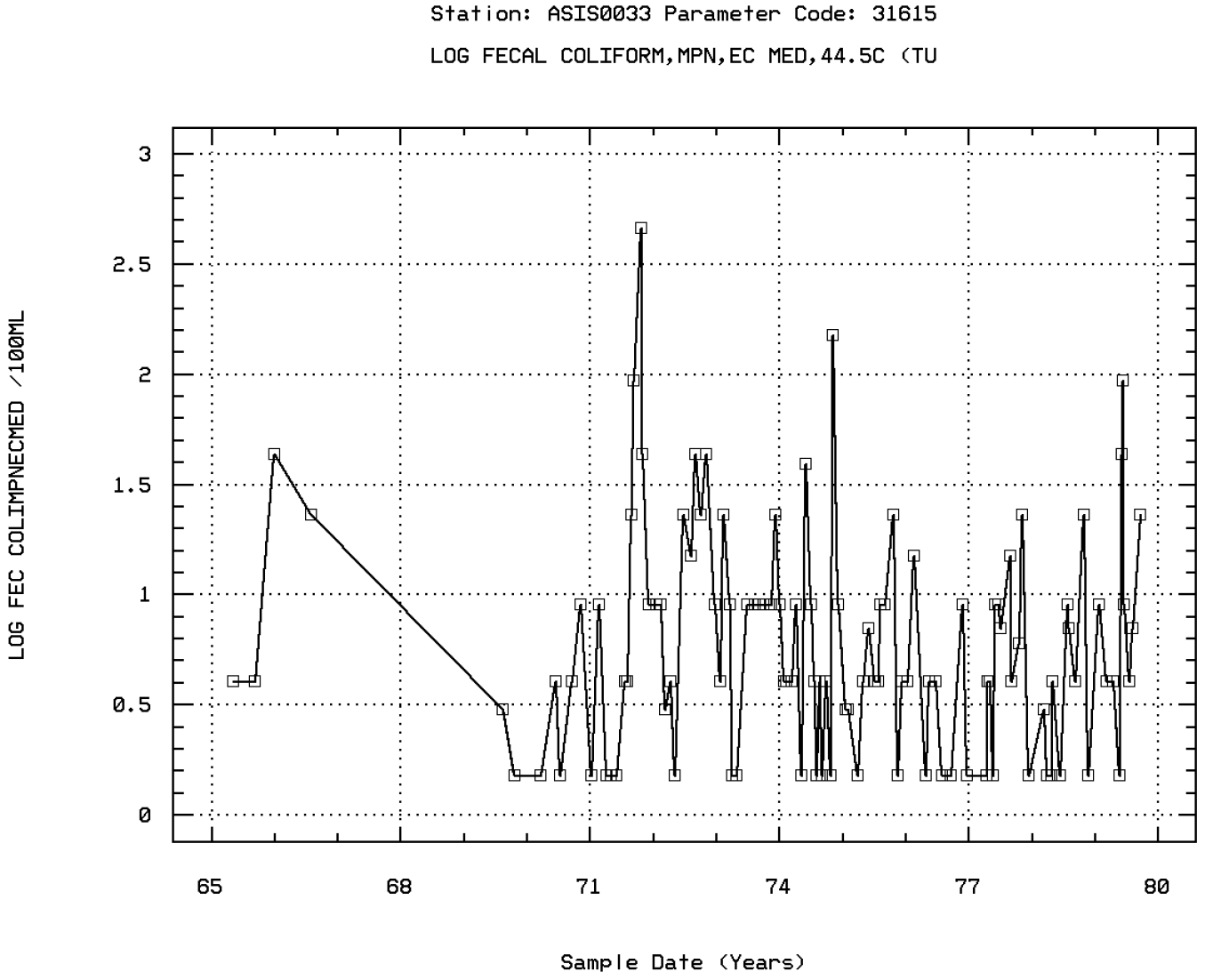
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	114	4.	15.333	460.	1.5	2159.95	46.475	1.5	2.625	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	114	0.602	0.768	2.663	0.176	0.255	0.505	0.176	0.402	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.857								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-11/30/82	31	3.6	5.826	23.	1.5	41.24	6.422	1.5	1.5	9.1	19.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	04/25/77-11/30/82	31	0.556	0.563	1.362	0.176	0.166	0.408	0.176	0.176	0.959	1.293
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.652								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	141	0.	0.141	2.25	0.	0.126	0.354	0.	0.	0.04	0.584
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	141	0.5	0.845	5.75	0.	1.173	1.083	0.	0.	1.2	2.4

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

EPA Water Quality Criteria Analysis for Station: ASIS0033

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	114	1	0.01	41	1	0.02	36	0	0.00	37	0	0.00			

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



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Annual Analysis for 1965 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	4.	4.	4.	4.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.								

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

Annual Analysis for 1966 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	33.	33.	43.	23.	200.	14.142	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	1.498	1.498	1.633	1.362	0.037	0.192	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			31.448								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1969 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	2.25	2.25	3.	1.5	1.125	1.061	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	0.327	0.327	0.477	0.176	0.045	0.213	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.121								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	4.	4.	9.	1.5	9.375	3.062	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	0.602	0.502	0.954	0.176	0.109	0.331	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.178								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	6.5	54.25	460.	1.5	17046.659	130.563	1.5	1.5	38.	349.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.778	0.954	2.663	0.176	0.659	0.812	0.176	0.176	1.566	2.454
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.987								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.397	2.25	0.	0.676	0.822	0.	0.	0.383	2.175
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.355	1.334	5.75	0.	3.566	1.888	0.	0.	2.663	5.15

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

Annual Analysis for 1972 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	9.	16.591	43.	1.5	222.341	14.911	1.8	4.	23.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.954	1.026	1.633	0.176	0.22	0.47	0.236	0.602	1.362	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.614								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

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

Annual Analysis for 1973 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	9.	9.727	23.	1.5	52.368	7.237	1.5	4.	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.954	0.855	1.362	0.176	0.156	0.395	0.176	0.602	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.159								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.156	1.	0.	0.104	0.323	0.	0.	0.2	0.904
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.09	0.61	2.58	0.	0.918	0.958	0.	0.	1.28	2.504

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

Annual Analysis for 1974 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	4.	15.938	150.	1.5	1359.063	36.865	1.5	2.125	9.	72.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	0.602	0.744	2.176	0.176	0.29	0.539	0.176	0.283	0.954	1.767
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.544								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	4.	6.083	23.	1.5	34.765	5.896	1.5	3.	8.5	18.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.602	0.652	1.362	0.176	0.113	0.337	0.176	0.477	0.927	1.239
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.493								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	4.	4.667	15.	1.5	20.875	4.569	1.5	1.5	6.5	15.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	0.602	0.516	1.176	0.176	0.139	0.373	0.176	0.176	0.778	1.176
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.278								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.05	0.274	1.35	0.	0.211	0.459	0.	0.	0.47	1.35
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.56	0.44	1.4	0.	0.22	0.469	0.	0.01	0.66	1.4

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

Annual Analysis for 1977 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	5.	7.125	23.	1.5	40.597	6.372	1.5	2.125	9.	20.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.69	0.7	1.362	0.176	0.152	0.39	0.176	0.283	0.954	1.306
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.016								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

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

Annual Analysis for 1978 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	3.5	5.6	23.	1.5	43.933	6.628	1.5	1.5	7.5	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.54	0.555	1.362	0.176	0.164	0.405	0.176	0.176	0.872	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.586								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	8.	19.75	93.	1.5	820.847	28.65	1.75	4.	28.	88.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.9	0.97	1.968	0.176	0.294	0.542	0.219	0.602	1.43	1.935
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.332								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0033

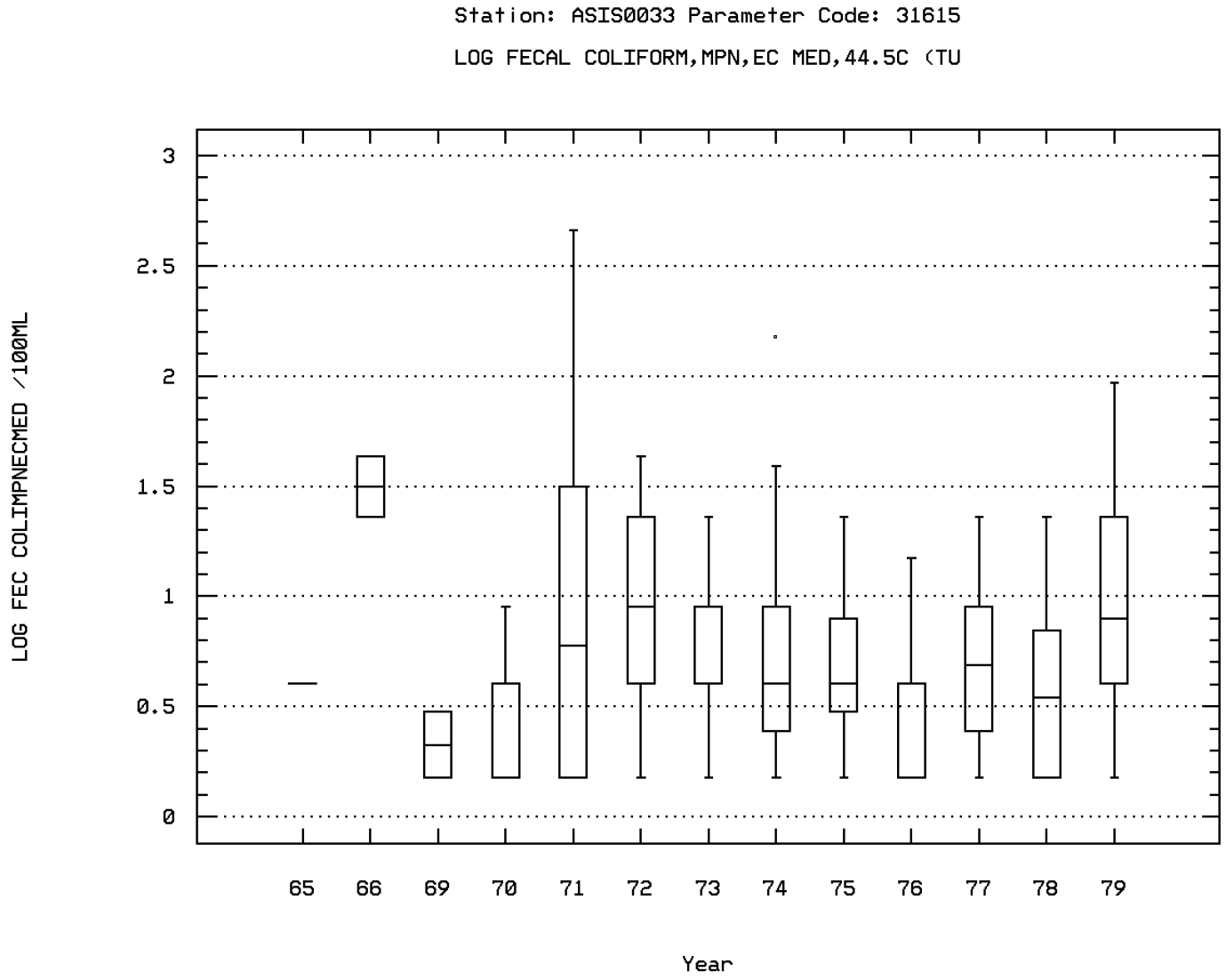
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

Annual Analysis for 1982 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	41	9.	24.988	460.	1.5	5450.194	73.825	1.5	3.	19.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	41	0.954	0.887	2.663	0.176	0.313	0.56	0.176	0.477	1.269	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.704								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	52	0.	0.162	2.25	0.	0.158	0.398	0.	0.	0.073	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	52	0.535	0.797	4.17	0.	0.994	0.997	0.	0.03	0.965	2.343

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0033

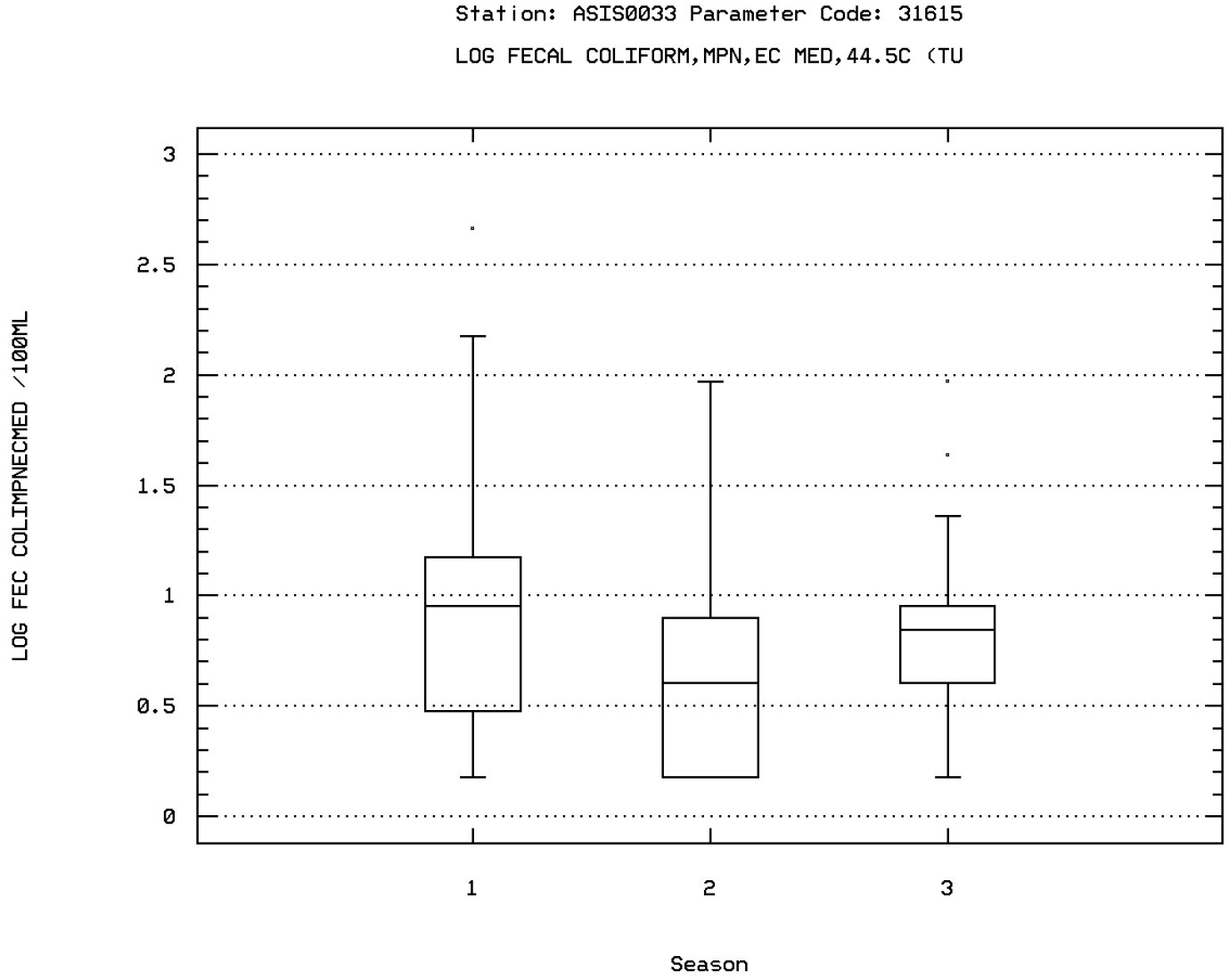
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	4.	8.722	93.	1.5	298.835	17.287	1.5	1.5	8.5	27.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	0.602	0.584	1.968	0.176	0.23	0.48	0.176	0.176	0.927	1.431
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.833								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.	0.133	1.35	0.	0.088	0.297	0.	0.	0.103	0.495
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.64	1.005	4.93	0.	1.354	1.164	0.	0.	1.658	2.961

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37	7.	11.068	93.	1.5	264.974	16.278	1.5	4.	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37	0.845	0.815	1.968	0.176	0.175	0.419	0.176	0.602	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.53								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	47	0.	0.125	2.	0.	0.127	0.357	0.	0.	0.	0.628
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	47	0.37	0.755	5.75	0.	1.227	1.108	0.	0.	1.2	2.4

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



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Station Inventory for Station: ASIS0034

NPS Station ID: ASIS0034 LAT/LON: 37.913892/ -75.383892 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10149A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 13.960 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010143200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	112	4.	13.799	240.	1.5	1131.493	33.638	1.5	1.5	9.	37.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	112	0.602	0.71	2.38	0.176	0.29	0.539	0.176	0.176	0.954	1.552
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.133								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30 ##	1.5	7.013	75.	1.5	227.477	15.082	1.5	1.5	3.6	14.41
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30 ##	0.176	0.479	1.875	0.176	0.209	0.457	0.176	0.176	0.556	1.154
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.013								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	138	0.	0.144	2.25	0.	0.128	0.358	0.	0.	0.05	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	138	0.5	0.861	5.75	0.	1.186	1.089	0.	0.015	1.2	2.41

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

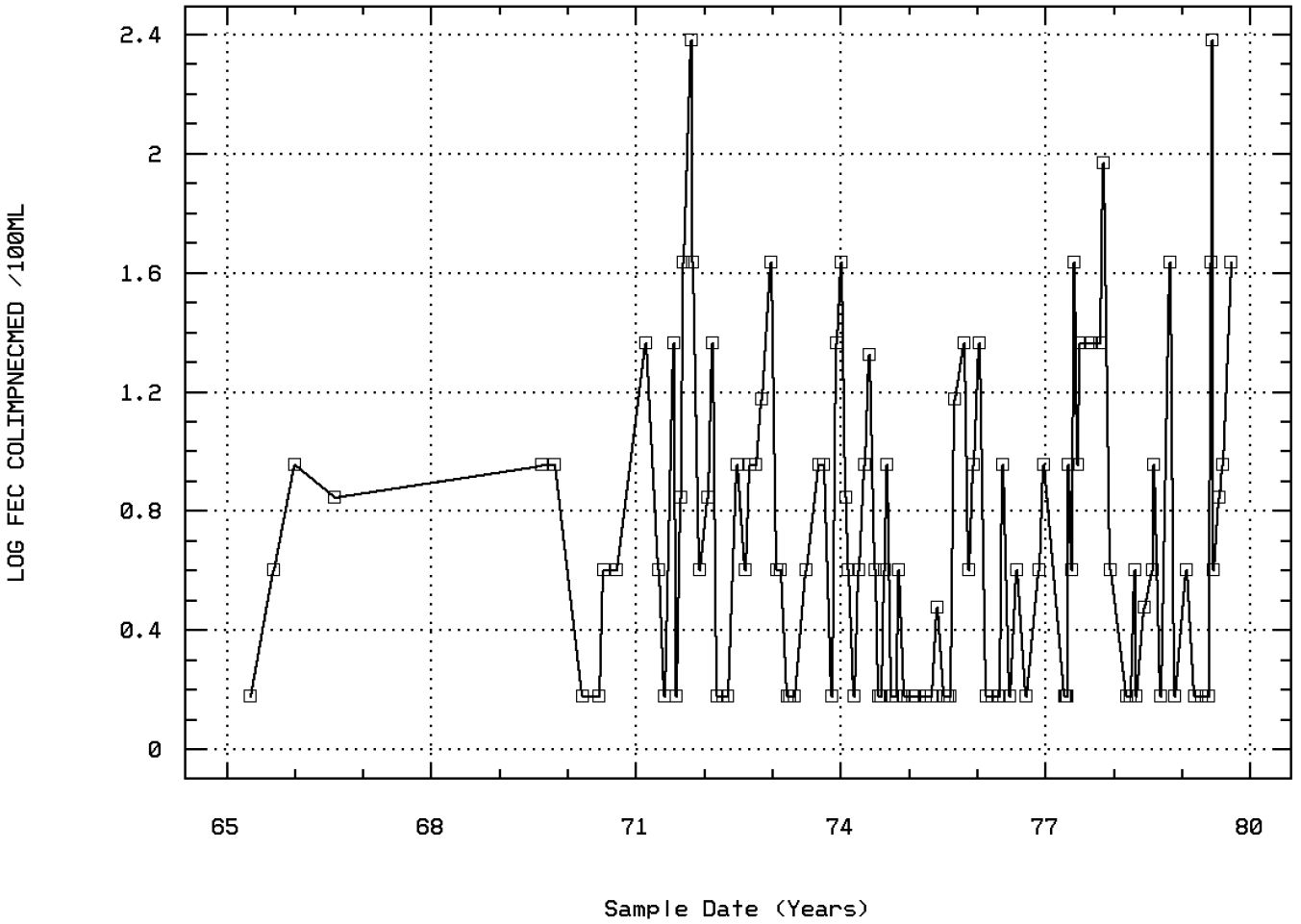
EPA Water Quality Criteria Analysis for Station: ASIS0034

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	112	2	0.02	39	1	0.03	37	1	0.03	36	0	0.00			

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

Station: ASIS0034 Parameter Code: 31615

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



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Annual Analysis for 1965 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								

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

Annual Analysis for 1966 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	0.9	0.9	0.954	0.845	0.006	0.077	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.937								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1969 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	9.	9.	9.	9.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	4 ##	2.75	2.75	4.	1.5	2.083	1.443	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	4 ##	0.389	0.389	0.602	0.176	0.06	0.246	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.6	0.675	1.5	0.	0.623	0.789	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	15.	39.	240.	1.5	5247.944	72.443	1.5	3.375	43.	220.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	1.103	1.077	2.38	0.176	0.512	0.716	0.176	0.496	1.633	2.306
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.945								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.476	2.25	0.	0.784	0.885	0.	0.	0.883	2.225
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.435	1.573	5.75	0.	3.973	1.993	0.	0.	3.038	5.55

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

Annual Analysis for 1972 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	9.	11.227	43.	1.5	153.118	12.374	1.5	1.5	15.	39.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.954	0.819	1.633	0.176	0.243	0.493	0.176	0.176	1.176	1.579
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.592								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

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

Annual Analysis for 1973 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	4.	5.9	23.	1.5	44.433	6.666	1.5	1.5	9.	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.602	0.578	1.362	0.176	0.172	0.414	0.176	0.176	0.954	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.785								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.172	1.	0.	0.113	0.336	0.	0.	0.28	0.952
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.145	0.671	2.58	0.	0.975	0.987	0.	0.	1.51	2.542

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

Annual Analysis for 1974 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	4.	7.375	43.	1.5	114.95	10.721	1.5	1.5	8.5	27.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	0.602	0.611	1.633	0.176	0.198	0.445	0.176	0.176	0.927	1.416
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.083								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12 ##	1.5	5.375	23.	1.5	48.097	6.935	1.5	1.5	7.75	20.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12 ##	0.176	0.484	1.362	0.176	0.195	0.442	0.176	0.176	0.866	1.306
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.045								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10 ##	2.75	5.65	23.	1.5	46.114	6.791	1.5	1.5	9.	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10 ##	0.389	0.535	1.362	0.176	0.188	0.433	0.176	0.176	0.954	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.431								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

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

Annual Analysis for 1977 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	13	9.	19.885	93.	1.5	639.548	25.289	1.5	2.75	23.	73.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	13	0.954	0.976	1.968	0.176	0.351	0.592	0.176	0.389	1.362	1.834
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.465								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

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

Annual Analysis for 1978 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10 ##	2.25	7.05	43.	1.5	165.025	12.846	1.5	1.5	5.25	39.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10 ##	0.327	0.515	1.633	0.176	0.226	0.475	0.176	0.176	0.69	1.566
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.273								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	5.5	35.45	240.	1.5	5433.303	73.711	1.5	1.5	43.	220.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.724	0.918	2.38	0.176	0.558	0.747	0.176	0.176	1.633	2.306
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.277								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

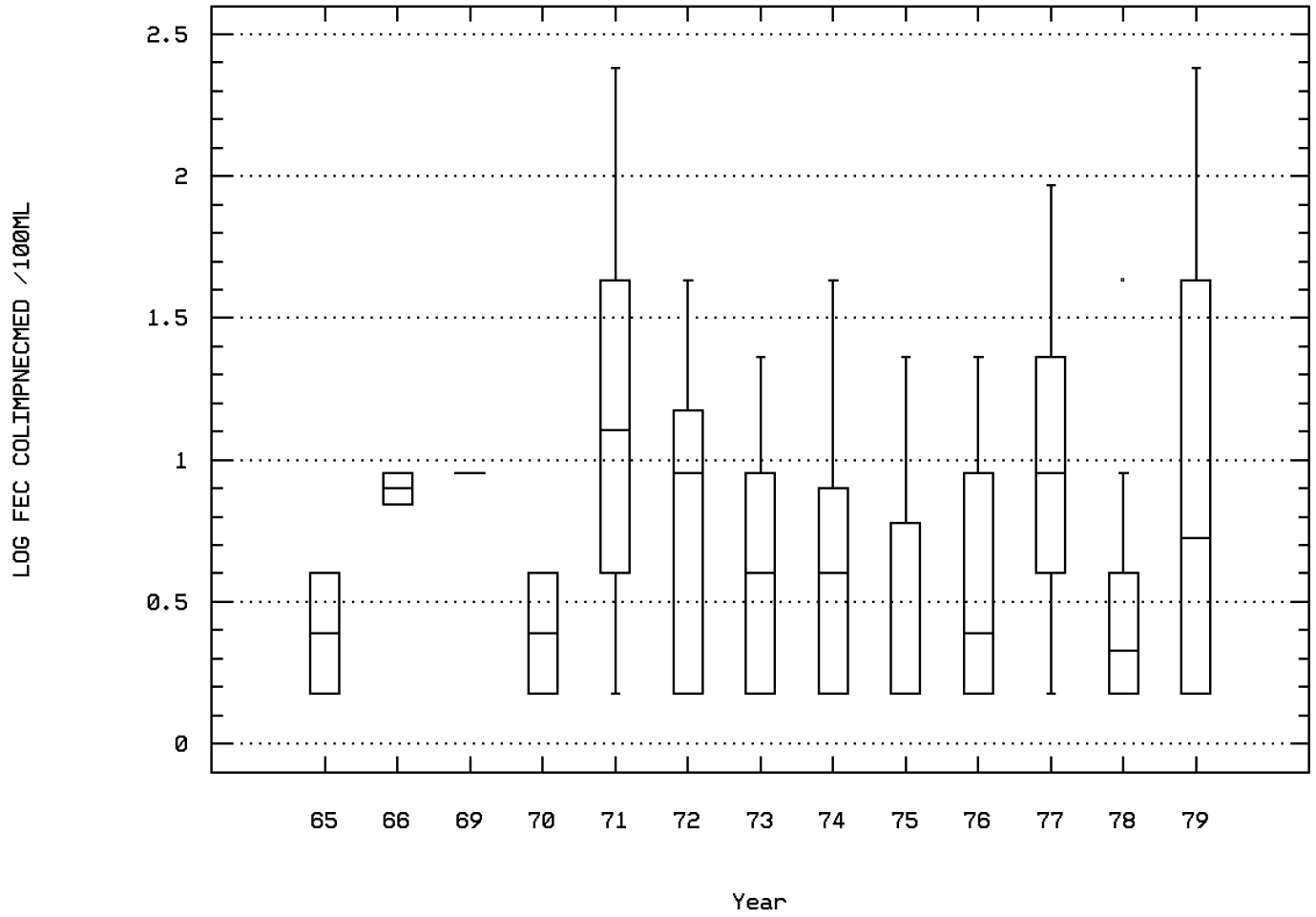
Annual Analysis for 1982 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Station: ASIS0034 Parameter Code: 31615

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	39	4.	19.5	240.	1.5	1652.763	40.654	1.5	1.5	23.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	39	0.602	0.849	2.38	0.176	0.35	0.592	0.176	0.176	1.362	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.055								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	50	0.	0.169	2.25	0.	0.163	0.404	0.	0.	0.11	0.672
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	50	0.55	0.818	4.17	0.	1.02	1.01	0.	0.03	0.98	2.361

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0034

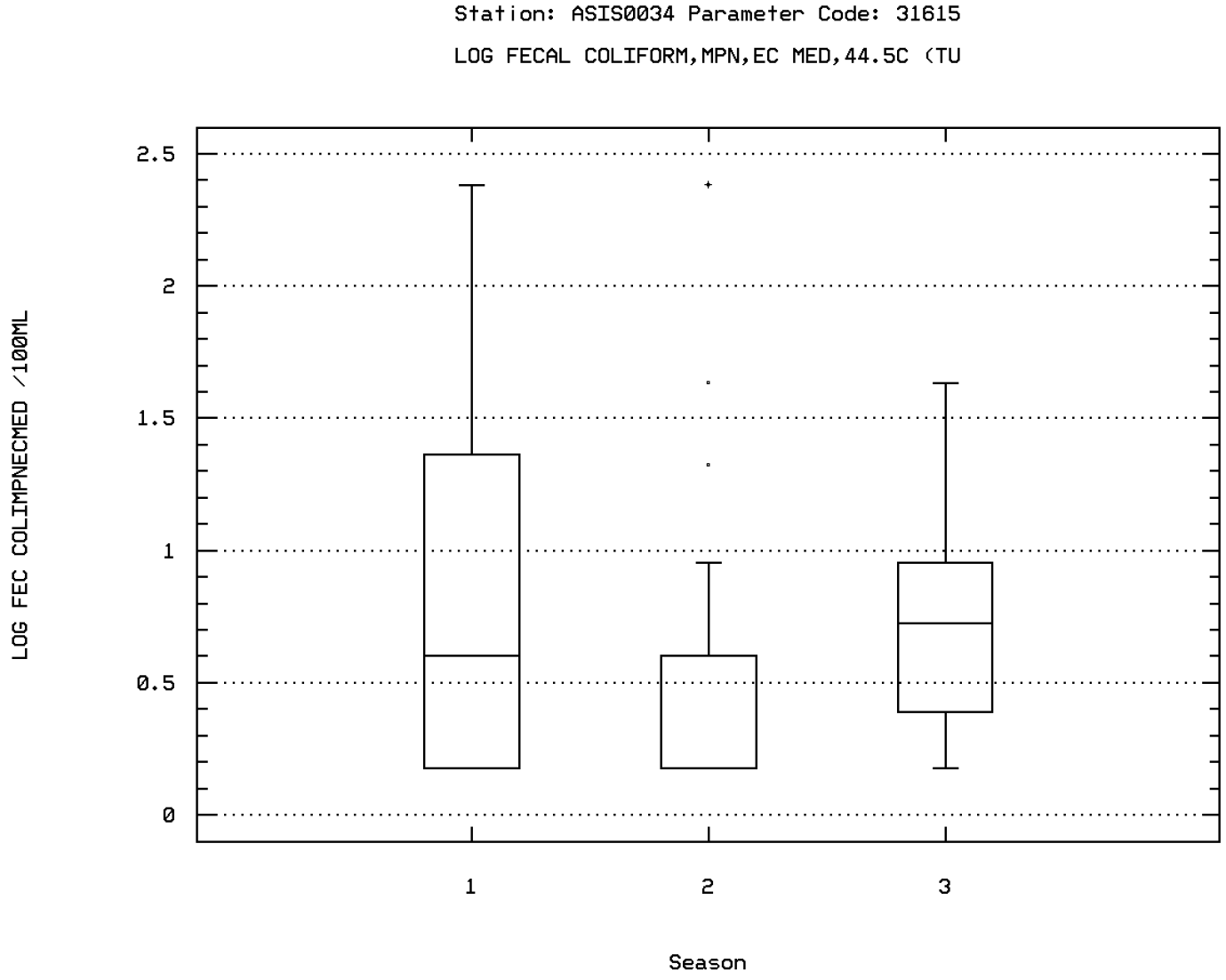
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37 ##	1.5	12.149	240.	1.5	1578.568	39.731	1.5	1.5	6.5	25.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37 ##	0.176	0.524	2.38	0.176	0.279	0.528	0.176	0.176	0.778	1.384
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.345								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.	0.133	1.35	0.	0.088	0.297	0.	0.	0.103	0.495
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.64	1.009	4.93	0.	1.349	1.162	0.	0.	1.658	2.961

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	5.5	9.319	43.	1.5	110.616	10.517	1.5	2.125	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	0.724	0.752	1.633	0.176	0.193	0.44	0.176	0.283	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.646								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.772	5.75	0.	1.241	1.114	0.	0.	1.22	2.4

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0035

NPS Station ID: ASIS0035 LAT/LON: 37.914170/ -75.392226 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1015B
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 13.610 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/75-06/02/75	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/02/75-06/02/75	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	07/14/80-10/05/81	2	31.5	31.5	43.	20.	264.5	16.263	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	07/14/80-10/05/81	2	1.467	1.467	1.633	1.301	0.055	0.235	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			29.326								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/05/81-10/05/81	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/05/81-10/05/81	1	1.477	1.477	1.477	1.477	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			30.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/02/75-10/05/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/02/75-10/05/81	3	0.	0.073	0.22	0.	0.016	0.127	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ASIS0035

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: ASIS0036

NPS Station ID: ASIS0036 LAT/LON: 37.915004/ -75.367781 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10147
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 15.290 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010118200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.08 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0036

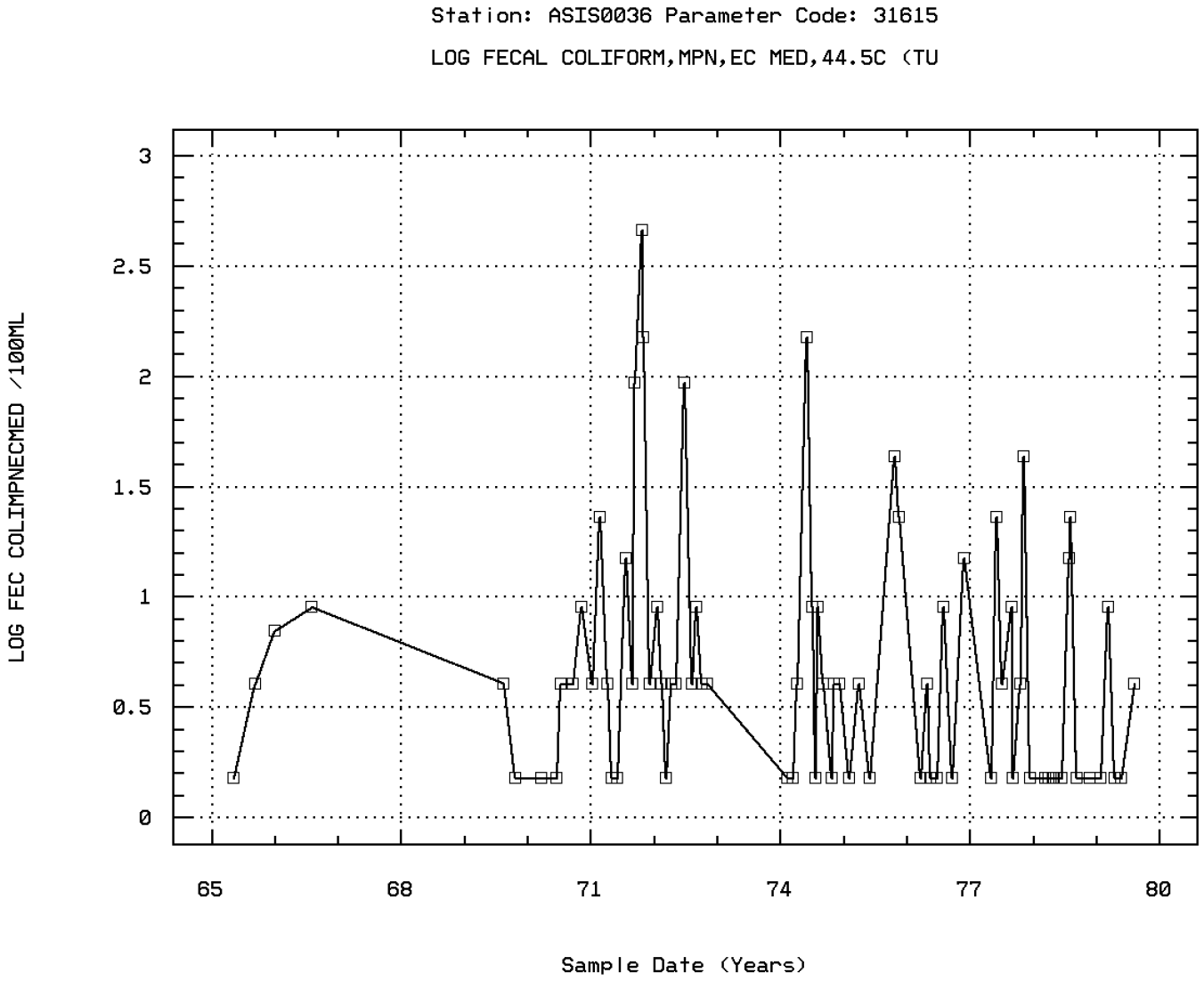
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	77	4.	18.104	460.	1.5	3373.206	58.079	1.5	1.5	9.	27.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	77	0.602	0.672	2.663	0.176	0.324	0.569	0.176	0.176	0.954	1.416
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.701								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	10 ##	1.5	3.85	15.	1.5	18.832	4.34	1.5	1.5	4.525	14.23
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	10 ##	0.176	0.421	1.176	0.176	0.129	0.359	0.176	0.176	0.633	1.145
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.635								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	84	0.	0.138	2.25	0.	0.166	0.407	0.	0.	0.	0.595
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	84	0.605	0.985	5.75	0.	1.243	1.115	0.	0.005	1.6	2.65

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

EPA Water Quality Criteria Analysis for Station: ASIS0036

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	77	1	0.01	28	1	0.04	25	0	0.00	24	0	0.00			

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Annual Analysis for 1965 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								

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

Annual Analysis for 1966 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	2	0.9	0.9	0.954	0.845	0.006	0.077	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.937								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1969 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	5	4.	4.	9.	1.5	9.375	3.062	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	5	0.602	0.502	0.954	0.176	0.109	0.331	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.178								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	11	4.	69.091	460.	1.5	19106.241	138.225	1.5	4.	93.	398.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	11	0.602	1.101	2.663	0.176	0.713	0.844	0.176	0.602	1.968	2.565
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.604								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.	0.433	2.25	0.	0.726	0.852	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.4	1.455	5.75	0.	3.728	1.931	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	10	4.	13.65	93.	1.5	782.892	27.98	1.75	4.	9.	84.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	10	0.602	0.767	1.968	0.176	0.225	0.474	0.219	0.602	0.954	1.867
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.842								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	1.09	1.376	3.03	0.03	0.927	0.963	0.081	0.615	2.4	2.967

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

Annual Analysis for 1974 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	11	4.	17.273	150.	1.5	1945.318	44.106	1.5	1.5	9.	121.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	11	0.602	0.654	2.176	0.176	0.342	0.585	0.176	0.176	0.954	1.932
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.511								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.	0.09	0.74	0.	0.052	0.228	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.45	0.694	2.	0.	0.535	0.731	0.	0.	1.28	1.954

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

Annual Analysis for 1975 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	5	4.	14.6	43.	1.5	333.175	18.253	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	5	0.602	0.79	1.633	0.176	0.457	0.676	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.164								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.064	0.32	0.	0.02	0.143	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	1.11	0.998	2.28	0.	1.003	1.001	**	**	**	**

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

Annual Analysis for 1976 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	7 ##	1.5	4.857	15.	1.5	27.643	5.258	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	7 ##	0.176	0.491	1.176	0.176	0.182	0.427	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.097								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.05	0.311	1.35	0.	0.27	0.519	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.44	0.454	1.4	0.	0.264	0.514	**	**	**	**

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

Annual Analysis for 1977 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	8	4.	10.938	43.	1.5	220.103	14.836	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	8	0.602	0.71	1.633	0.176	0.317	0.563	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.131								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.	0.12	0.79	0.	0.088	0.296	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.	0.641	2.37	0.	1.066	1.032	**	**	**	**

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

Annual Analysis for 1978 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	9 ##	1.5	5.389	23.	1.5	63.549	7.972	1.5	1.5	8.25	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	9 ##	0.176	0.419	1.362	0.176	0.234	0.484	0.176	0.176	0.676	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.624								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

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

Annual Analysis for 1979 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	5 ##	1.5	3.5	9.	1.5	10.625	3.26	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	5 ##	0.176	0.417	0.954	0.176	0.124	0.352	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.612								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.278	1.28	0.	0.316	0.562	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.65	1.498	3.38	0.25	2.223	1.491	**	**	**	**

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

Annual Analysis for 1980 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.	0.119	0.82	0.	0.096	0.309	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.48	0.571	1.71	0.15	0.29	0.538	**	**	**	**

** - 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 box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.	0.083	0.25	0.	0.021	0.144	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.58	0.48	0.86	0.	0.192	0.439	**	**	**	**

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	28	4.	29.786	460.	1.5	7950.601	89.166	1.5	1.5	13.5	53.7
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	28	0.602	0.775	2.663	0.176	0.435	0.66	0.176	0.176	1.121	1.688
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.951								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	33	0.	0.195	2.25	0.	0.23	0.48	0.	0.	0.025	0.808
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	33	0.65	0.958	3.75	0.	1.025	1.012	0.	0.12	1.41	2.448

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0036

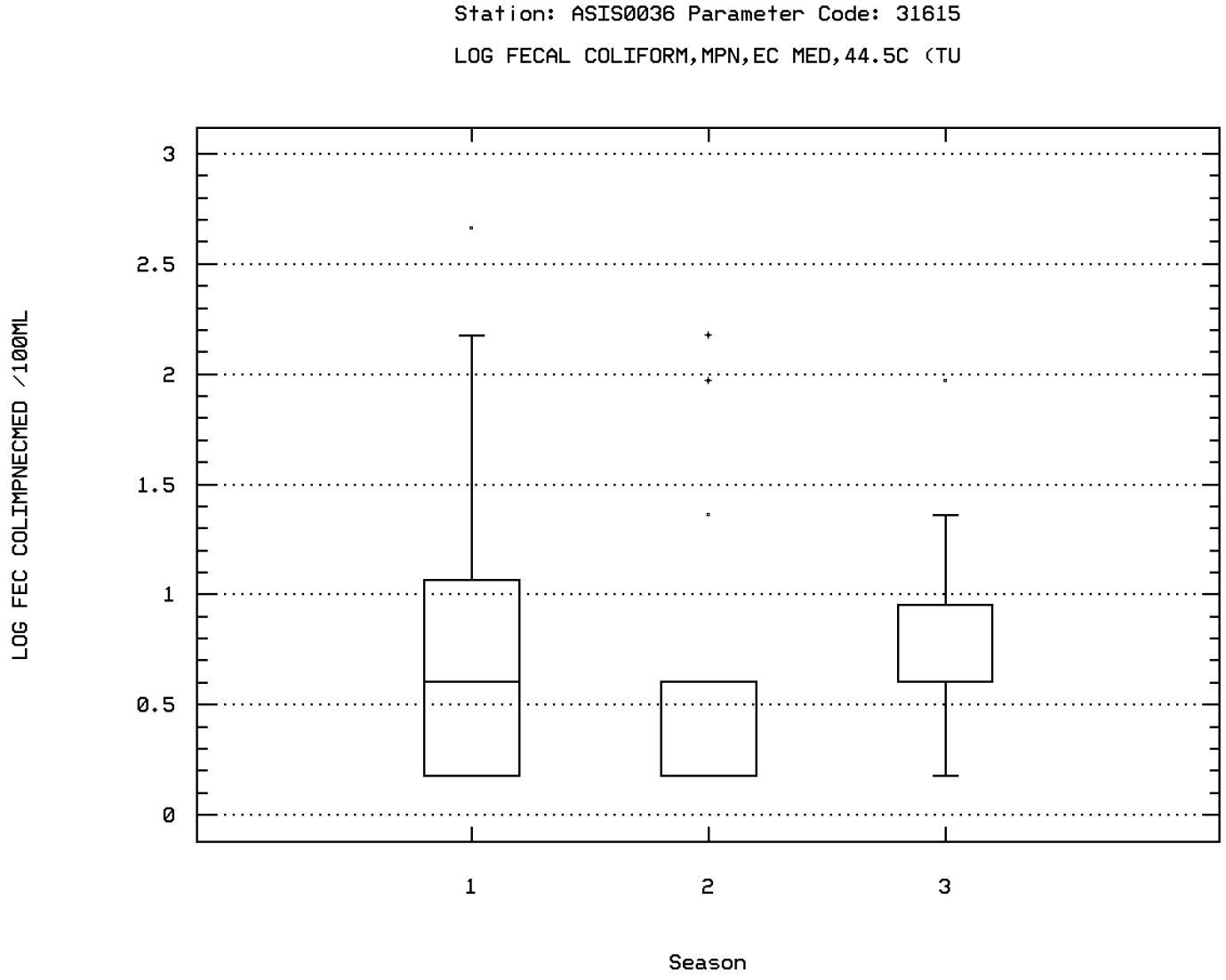
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	25 ##	1.5	12.56	150.	1.5	1161.09	34.075	1.5	1.5	4.	51.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	25 ##	0.176	0.477	2.176	0.176	0.31	0.557	0.176	0.176	0.602	1.604
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.002								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	24	0.	0.099	1.35	0.	0.084	0.29	0.	0.	0.038	0.38
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	24	0.55	0.965	3.05	0.	1.063	1.031	0.	0.008	1.733	2.915

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	24	4.	10.25	93.	1.5	337.457	18.37	1.5	4.	9.	19.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	24	0.602	0.756	1.968	0.176	0.174	0.417	0.176	0.602	0.954	1.269
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.696								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	27	0.	0.102	2.	0.	0.164	0.405	0.	0.	0.	0.156
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	27	0.48	1.036	5.75	0.	1.762	1.327	0.	0.	1.5	2.88

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



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Station Inventory for Station: ASIS0037

NPS Station ID: ASIS0037 LAT/LON: 37.915004/ -75.372782 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10147.5Z
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 14.610 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010024200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	110	4.	11.668	150.	1.5	416.199	20.401	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	110	0.602	0.736	2.176	0.176	0.253	0.503	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.444								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-10/05/81	20 ##	1.5	3.34	15.	1.5	11.886	3.448	1.5	1.5	3.6	8.92
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	04/25/77-10/05/81	20 ##	0.176	0.391	1.176	0.176	0.096	0.311	0.176	0.176	0.556	0.949
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.459								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	126	0.	0.137	2.25	0.	0.133	0.364	0.	0.	0.013	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	126	0.5	0.863	5.75	0.	1.193	1.092	0.	0.028	1.2	2.43

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

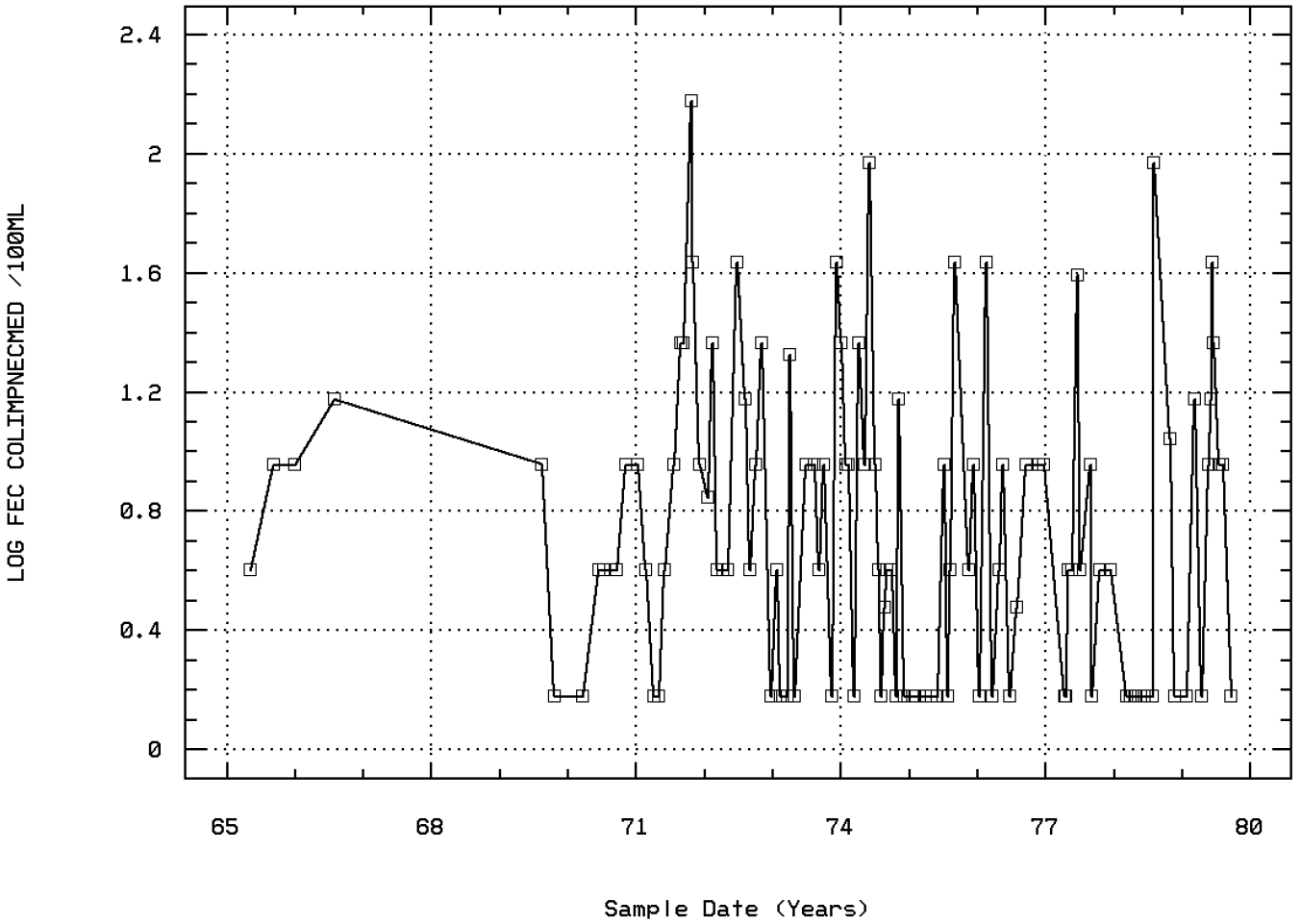
EPA Water Quality Criteria Analysis for Station: ASIS0037

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	110	0	0.00	39	0	0.00	36	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: ASIS0037 Parameter Code: 31615

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



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Annual Analysis for 1965 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	0.778	0.778	0.954	0.602	0.062	0.249	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.								

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

Annual Analysis for 1966 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	12.	12.	15.	9.	18.	4.243	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	1.065	1.065	1.176	0.954	0.025	0.157	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.619								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1969 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	5.25	5.25	9.	1.5	28.125	5.303	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	0.565	0.565	0.954	0.176	0.303	0.55	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.674								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	4.	4.5	9.	1.5	7.5	2.739	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	0.602	0.587	0.954	0.176	0.076	0.276	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.866								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	9.	25.182	150.	1.5	1871.114	43.256	1.5	4.	23.	128.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.954	0.996	2.176	0.176	0.373	0.61	0.176	0.602	1.362	2.068
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.9								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.	0.433	2.25	0.	0.726	0.852	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.4	1.455	5.75	0.	3.728	1.931	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	7.	12.5	43.	1.5	160.95	12.687	2.	4.	23.	39.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.845	0.902	1.633	0.176	0.193	0.439	0.261	0.602	1.362	1.579
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.971								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

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

Annual Analysis for 1973 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	4.	9.545	43.	1.5	157.173	12.537	1.5	1.5	9.	38.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.602	0.702	1.633	0.176	0.257	0.507	0.176	0.176	0.954	1.571
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.04								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.	0.156	1.	0.	0.104	0.323	0.	0.	0.2	0.904
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.09	0.61	2.58	0.	0.918	0.958	0.	0.	1.28	2.504

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

Annual Analysis for 1974 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	6.5	13.188	93.	1.5	502.629	22.419	1.5	1.875	13.5	44.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	0.778	0.792	1.968	0.176	0.267	0.517	0.176	0.251	1.121	1.544
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.195								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11 ##	1.5	7.091	43.	1.5	150.341	12.261	1.5	1.5	9.	36.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11 ##	0.176	0.528	1.633	0.176	0.234	0.484	0.176	0.176	0.954	1.498
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.369								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.	0.048	0.33	0.	0.012	0.11	0.	0.	0.038	0.312
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.535	0.723	2.11	0.	0.575	0.758	0.	0.023	1.285	2.059

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

Annual Analysis for 1976 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	6.5	9.05	43.	1.5	153.969	12.408	1.5	1.5	9.	39.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.778	0.706	1.633	0.176	0.224	0.473	0.176	0.176	0.954	1.566
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.079								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

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

Annual Analysis for 1977 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	4.	7.25	39.	1.5	129.236	11.368	1.5	1.5	5.25	36.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.602	0.608	1.591	0.176	0.183	0.428	0.176	0.176	0.69	1.527
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.059								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.	0.127	0.79	0.	0.072	0.269	0.	0.	0.145	0.754
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.11	0.472	1.9	0.	0.414	0.643	0.	0.	0.95	1.805

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

Annual Analysis for 1978 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9 ##	1.5	12.722	93.	1.5	916.132	30.268	1.5	1.5	6.25	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9 ##	0.176	0.471	1.968	0.176	0.397	0.63	0.176	0.176	0.609	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.961								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

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

Annual Analysis for 1979 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	9.	12.75	43.	1.5	161.347	12.702	1.5	1.5	17.	41.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.954	0.874	1.633	0.176	0.275	0.525	0.176	0.176	1.223	1.606
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.479								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

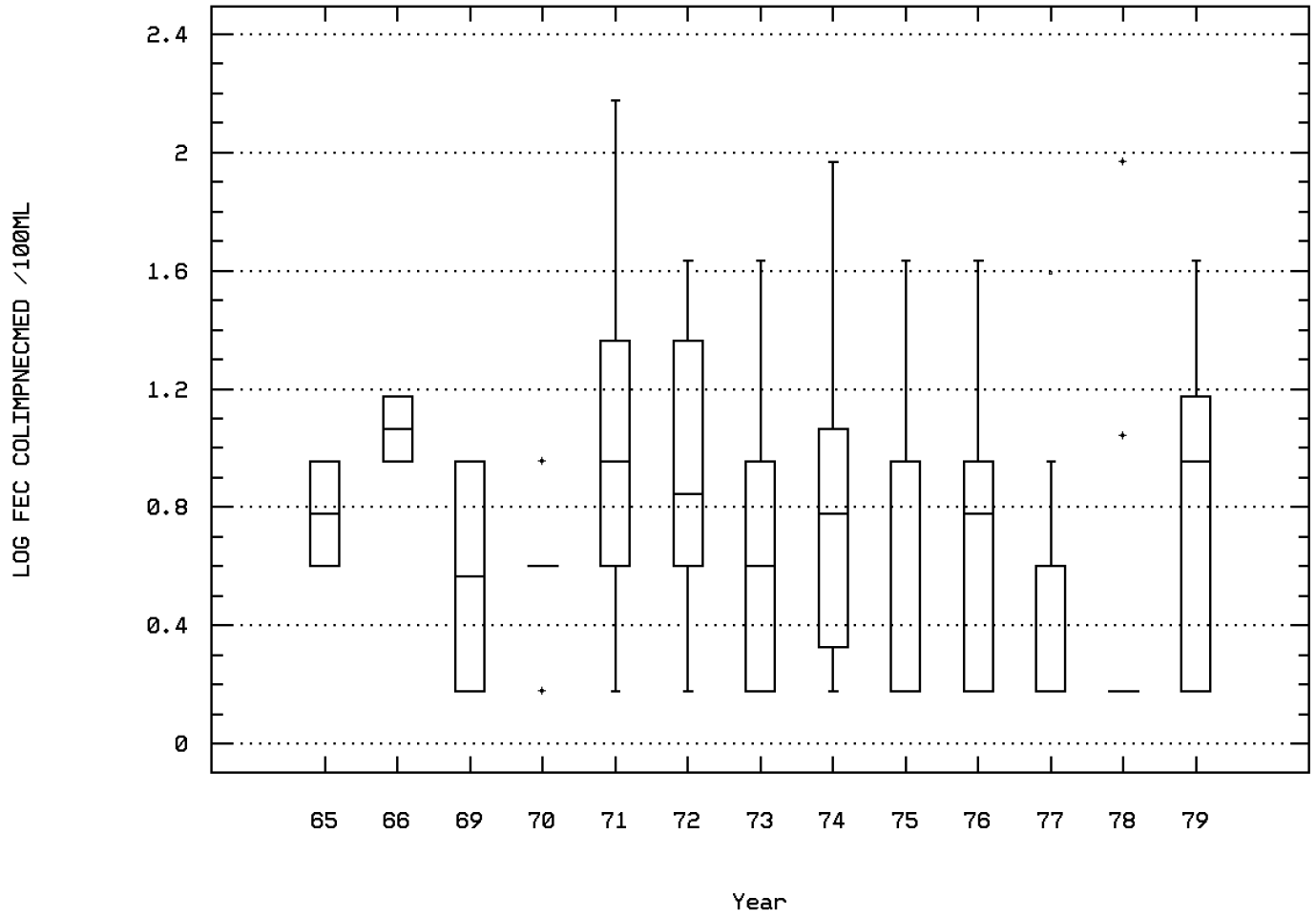
Annual Analysis for 1981 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	6	0.085	0.212	0.85	0.	0.109	0.33	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	6	0.475	0.597	1.4	0.	0.235	0.485	**	**	**	**

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

Station: ASIS0037 Parameter Code: 31615

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	39	7.	13.346	150.	1.5	635.831	25.216	1.5	1.5	11.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	39	0.845	0.766	2.176	0.176	0.282	0.531	0.176	0.176	1.041	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.84								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	45	0.	0.156	2.25	0.	0.174	0.417	0.	0.	0.04	0.724
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	45	0.54	0.775	4.17	0.	1.017	1.008	0.	0.025	0.95	2.35

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0037

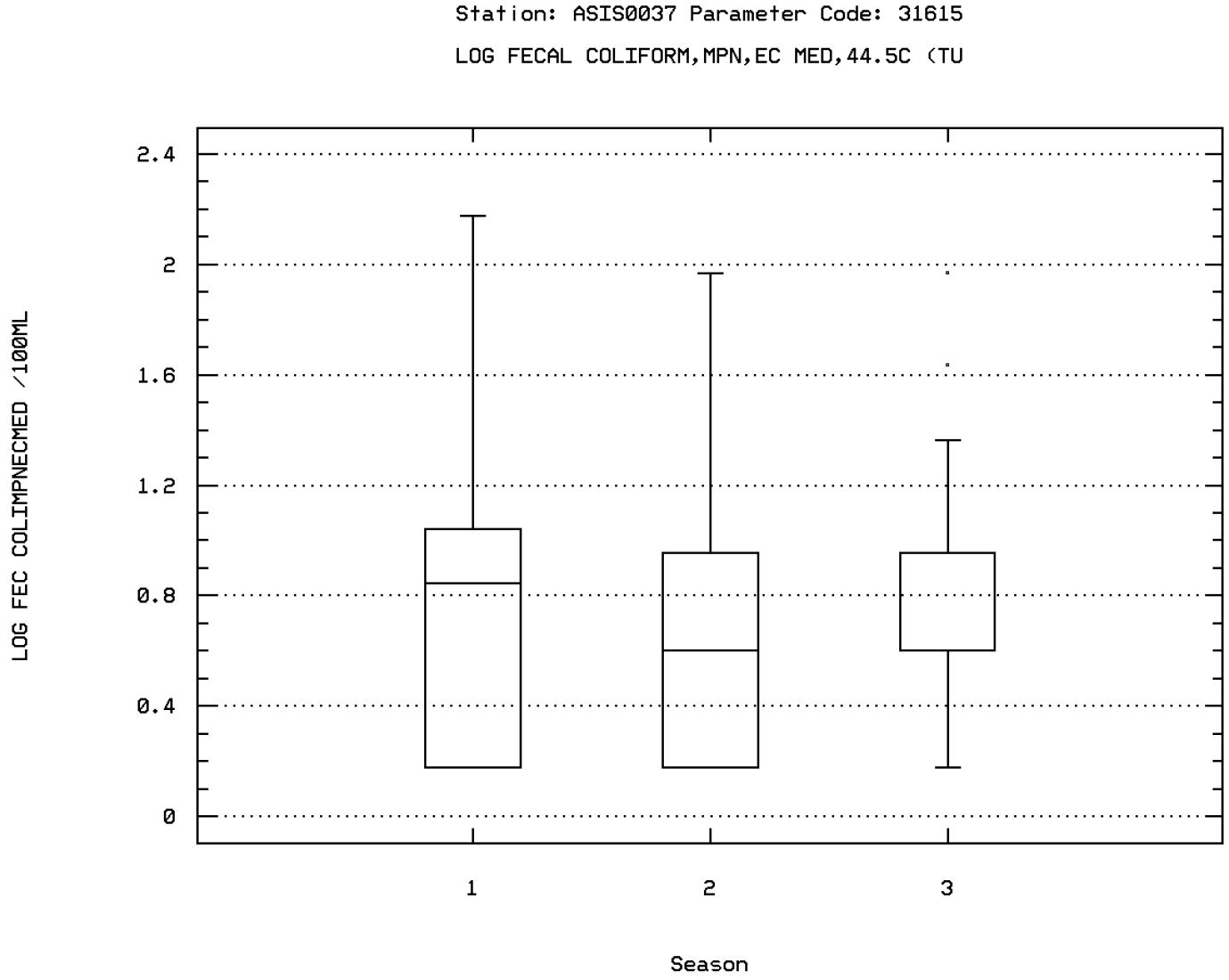
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	4.	10.681	93.	1.5	339.845	18.435	1.5	1.5	9.	40.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	36	0.602	0.631	1.968	0.176	0.297	0.545	0.176	0.176	0.954	1.604
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.277								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	39	0.	0.135	1.35	0.	0.094	0.306	0.	0.	0.1	0.51
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	39	0.68	1.014	4.93	0.	1.273	1.128	0.	0.03	1.62	2.8

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	35	9.	10.814	93.	1.5	268.795	16.395	1.5	4.	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	35	0.954	0.81	1.968	0.176	0.17	0.413	0.176	0.602	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.451								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	42	0.	0.117	2.	0.	0.13	0.361	0.	0.	0.	0.576
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	42	0.37	0.817	5.75	0.	1.334	1.155	0.	0.	1.28	2.4

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0038

NPS Station ID: ASIS0038 LAT/LON: 37.915004/ -75.376670 Agency: 11NPSWRD Date Created: 07/01/95
Location: TOM'S COVE FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_VB6
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
SAMPLE SITE IS LOCATED IN THE VIRGINIA PORTION OF CHINCOTEAGUE BAY. SAMPLES ARE TAKEN IN THE MIDDLE OF THE CHANNEL ACROSS FROM THE SMALL BLUE HOUSE WITH A YELLOW SHED AND DOCK - AND/OR JUST NORTH OF WHERE THE HORSES SWIM DURING PONY PENNING.
STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND

Parameter Inventory for Station: ASIS0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/91-10/19/94	26	23.7	21.769	28.7	11.5	25.973	5.096	13.98	16.9	26.075	27.08
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-10/19/94	18	48700.	48444.444	50800.	45000.	1942614.379	1393.777	46620.	47175.	49225.	50080.
00300	OXYGEN, DISSOLVED MG/L	05/01/91-10/19/94	26	6.8	6.854	8.8	4.2	1.217	1.103	5.54	6.	7.8	8.43
00406	PH, FIELD, STANDARD UNITS SU	05/01/91-10/19/94	26	7.715	7.736	7.97	7.4	0.016	0.128	7.6	7.637	7.825	7.903
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/01/91-10/19/94	26	7.715	7.717	7.97	7.4	0.017	0.129	7.6	7.637	7.825	7.903
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/91-10/19/94	26	0.019	0.019	0.04	0.011	0.	0.006	0.013	0.015	0.023	0.025
00480	SALINITY - PARTS PER THOUSAND	05/01/91-10/19/94	26	31.9	31.662	33.4	29.1	0.842	0.917	30.57	30.95	32.2	32.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/91-09/16/94	25	22.	30.48	86.	5.	588.177	24.252	8.6	13.	36.	76.2
00600	NITROGEN, TOTAL (MG/L AS N)	05/01/91-09/16/94	24	0.26	0.269	0.5	0.14	0.009	0.093	0.155	0.19	0.298	0.425
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/91-09/16/94	25	0.019	0.036	0.181	0.003	0.002	0.042	0.003	0.008	0.049	0.099
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/91-09/16/94	25	0.005	0.008	0.03	0.	0.	0.008	0.	0.003	0.009	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/91-09/16/94	24	0.055	0.056	0.092	0.028	0.	0.017	0.032	0.043	0.069	0.081
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/91-09/16/94	25	0.016	0.017	0.04	0.003	0.	0.011	0.006	0.008	0.023	0.037
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/91-09/16/94	25	0.9	1.024	2.3	0.1	0.427	0.653	0.2	0.55	1.55	2.08
32230	CHLOROPHYLL A (MG/L)	05/01/91-09/16/94	25	0.006	0.006	0.015	0.001	0.	0.003	0.002	0.003	0.008	0.01
32231	CHLOROPHYLL B (MG/L)	05/29/91-09/16/94	17	0.	0.	0.001	0.	0.	0.	0.	0.	0.001	0.001
32232	CHLOROPHYLL C (MG/L)	05/01/91-09/16/94	23	0.001	0.001	0.005	0.	0.	0.001	0.	0.001	0.002	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

EPA Water Quality Criteria Analysis for Station: ASIS0038

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	26	0	0.00	2	0	0.00	12	0	0.00	12	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	26	0	0.00	2	0	0.00	12	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	26	0	0.00	2	0	0.00	12	0	0.00	12	0	0.00			

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

Station Inventory for Station: ASIS0039

NPS Station ID: ASIS0039 LAT/LON: 37.915282/ -75.356948 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10145
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 15.790 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010024300.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	108	4.	11.523	150.	1.5	491.254	22.164	1.5	1.5	9.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	108	0.602	0.689	2.176	0.176	0.253	0.503	0.176	0.176	0.954	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.881								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	29	3.6	7.128	43.	1.5	101.173	10.059	1.5	1.5	8.2	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	29	0.556	0.559	1.633	0.176	0.221	0.47	0.176	0.176	0.911	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.625								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/10/82-05/10/82	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/10/82-05/10/82	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	135	0.	0.134	2.25	0.	0.121	0.348	0.	0.	0.03	0.514
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	135	0.5	0.848	5.75	0.	1.182	1.087	0.	0.	1.2	2.4

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

EPA Water Quality Criteria Analysis for Station: ASIS0039

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	108	0	0.00	38	0	0.00	36	0	0.00	34	0	0.00			

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

Annual Analysis for 1969 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	5	9.	14.8	43.	4.	253.2	15.912	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	5	0.954	1.02	1.633	0.602	0.141	0.375	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.463								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	9.	30.045	150.	1.5	2337.723	48.35	2.	4.	43.	138.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	0.954	1.02	2.176	0.176	0.404	0.635	0.261	0.602	1.633	2.135
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.482								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.433	2.25	0.	0.726	0.852	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.4	1.455	5.75	0.	3.728	1.931	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	4.	9.35	43.	1.5	180.392	13.431	1.5	1.5	11.	41.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.602	0.678	1.633	0.176	0.243	0.493	0.176	0.176	0.974	1.606
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.761								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	1.09	1.376	3.03	0.03	0.927	0.963	0.081	0.615	2.4	2.967

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

Annual Analysis for 1973 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	6.5	8.55	23.	1.5	67.636	8.224	1.5	1.5	12.5	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.778	0.732	1.362	0.176	0.211	0.46	0.176	0.176	1.056	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.393								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.072	0.52	0.	0.029	0.169	0.	0.	0.05	0.488
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.075	0.413	2.2	0.	0.546	0.739	0.	0.	0.545	2.108

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

Annual Analysis for 1974 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16 ##	2.25	8.813	93.	1.5	510.163	22.587	1.5	1.5	4.	34.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16 ##	0.327	0.503	1.968	0.176	0.229	0.479	0.176	0.176	0.602	1.259
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.183								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	4.	7.5	43.	1.5	132.545	11.513	1.5	1.5	8.5	32.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.602	0.625	1.633	0.176	0.19	0.436	0.176	0.176	0.927	1.43
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.217								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	4.	7.8	23.	1.5	68.344	8.267	1.5	3.375	12.5	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.602	0.704	1.362	0.176	0.171	0.413	0.176	0.496	1.056	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.058								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

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

Annual Analysis for 1977 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	4.	13.269	43.	1.5	301.942	17.376	1.5	1.5	29.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	0.602	0.747	1.633	0.176	0.356	0.597	0.176	0.176	1.405	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.591								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

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

Annual Analysis for 1978 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	1.5	5.278	23.	1.5	50.319	7.094	1.5	1.5	6.5	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	0.176	0.489	1.362	0.176	0.187	0.432	0.176	0.176	0.778	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.083								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

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

Annual Analysis for 1979 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	4.	12.65	93.	1.5	801.836	28.317	1.5	1.5	5.25	84.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.602	0.646	1.968	0.176	0.28	0.529	0.176	0.176	0.69	1.867
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.427								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.085	0.165	0.6	0.	0.046	0.215	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.185	0.401	1.4	0.	0.269	0.519	**	**	**	**

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

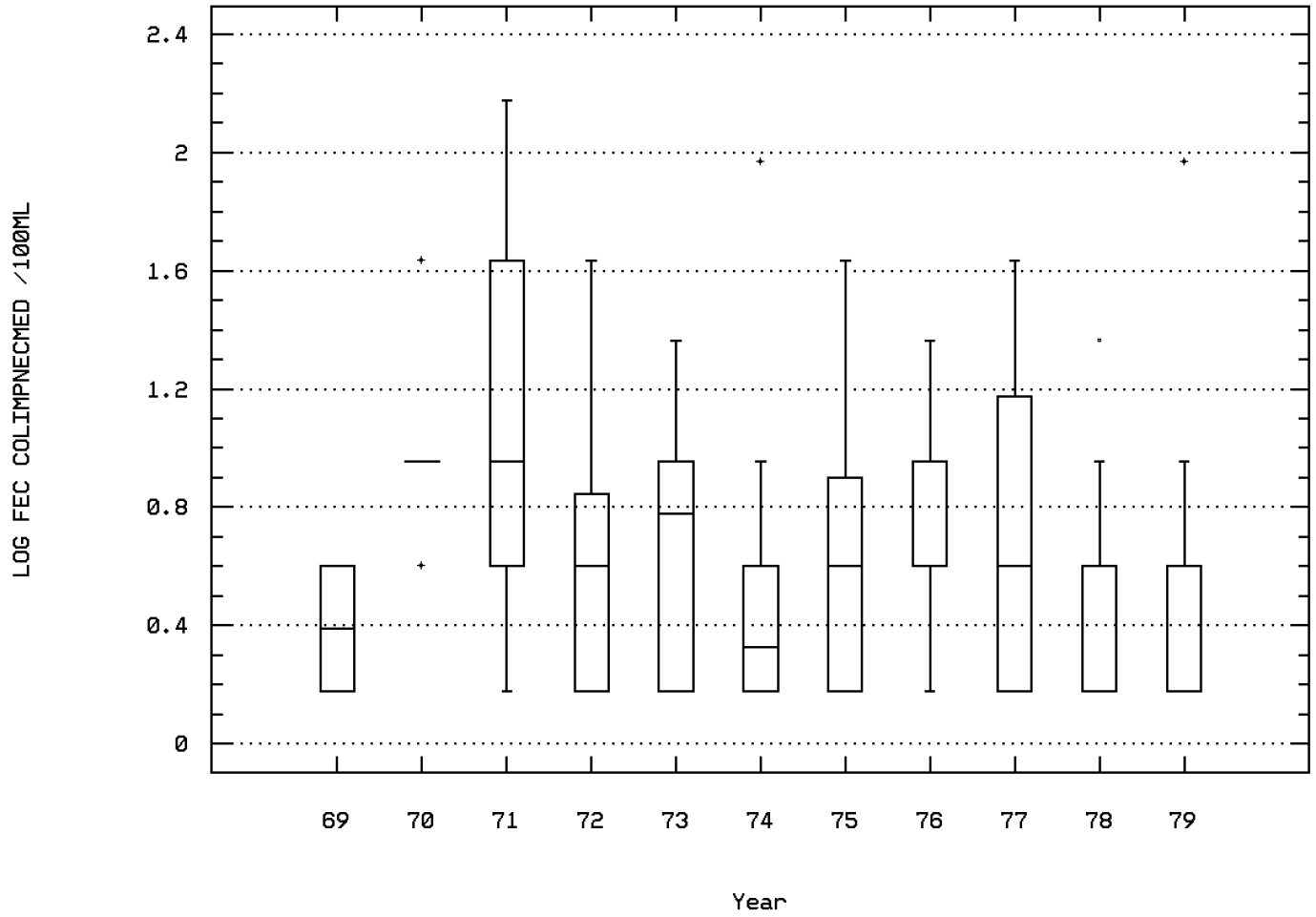
Annual Analysis for 1982 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Station: ASIS0039 Parameter Code: 31615

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	38	4.	13.921	150.	1.5	806.602	28.401	1.5	1.5	9.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	38	0.602	0.74	2.176	0.176	0.273	0.523	0.176	0.176	0.954	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.499								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	49	0.	0.172	2.25	0.	0.166	0.408	0.	0.	0.14	0.68
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	49	0.54	0.833	4.17	0.	1.029	1.014	0.	0.05	0.98	2.37

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	4.	9.611	93.	1.5	308.544	17.565	1.5	1.5	9.	29.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	0.602	0.636	1.968	0.176	0.242	0.492	0.176	0.176	0.954	1.443
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.324								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	42	0.	0.109	1.35	0.	0.07	0.264	0.	0.	0.063	0.451
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	42	0.55	0.954	4.93	0.	1.299	1.14	0.	0.	1.605	2.961

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	34	4.	10.868	93.	1.5	350.186	18.713	1.5	1.5	9.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	34	0.602	0.686	1.968	0.176	0.253	0.503	0.176	0.176	0.954	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.858								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	44	0.	0.115	2.	0.	0.123	0.351	0.	0.	0.	0.56
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	44	0.305	0.762	5.75	0.	1.279	1.131	0.	0.	1.2	2.4

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

Station Inventory for Station: ASIS0040

NPS Station ID: ASIS0040 LAT/LON: 37.915282/ -75.370837 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10147.3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 14.750 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010143200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	53	4.	13.755	210.	1.5	998.996	31.607	1.5	1.5	12.	32.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	53	0.602	0.721	2.322	0.176	0.279	0.528	0.176	0.176	1.065	1.499
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.262								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	9	3.6	8.711	43.	1.5	184.726	13.591	1.5	1.5	11.1	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	9	0.556	0.609	1.633	0.176	0.273	0.523	0.176	0.176	1.017	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.067								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	60	0.	0.17	2.25	0.	0.219	0.468	0.	0.	0.	0.779
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	60	0.62	1.031	5.75	0.	1.363	1.168	0.	0.168	1.575	2.836

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

EPA Water Quality Criteria Analysis for Station: ASIS0040

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	53	1	0.02	17	1	0.06	18	0	0.00	18	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	17	4.	25.647	210.	1.5	2728.586	52.236	1.5	4.	23.	116.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	17	0.602	0.943	2.322	0.176	0.345	0.588	0.176	0.602	1.362	2.039
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.765								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	22	0.	0.276	2.25	0.	0.326	0.571	0.	0.	0.358	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	22	0.61	0.859	3.75	0.	0.872	0.934	0.	0.235	0.99	2.425

** - 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 box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0040

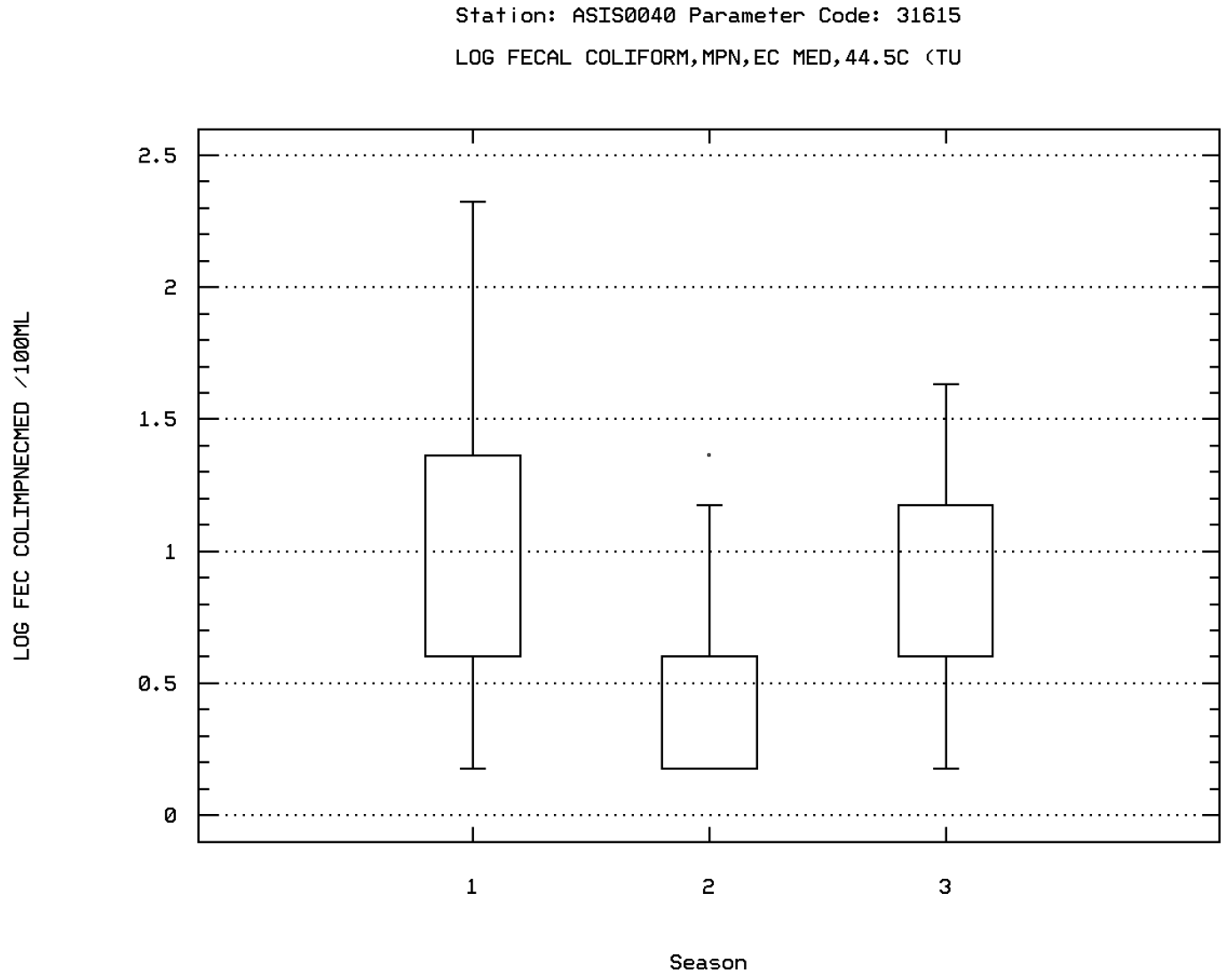
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	18 ##	1.5	4.333	23.	1.5	32.559	5.706	1.5	1.5	4.	15.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	18 ##	0.176	0.439	1.362	0.176	0.137	0.37	0.176	0.176	0.602	1.195
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.749								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	18	0.	0.118	1.35	0.	0.109	0.331	0.	0.	0.063	0.594
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	18	0.55	0.964	3.05	0.	1.187	1.09	0.	0.023	1.745	3.032

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	18	4.	11.944	43.	1.5	216.232	14.705	1.5	3.375	17.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-08/06/79	18	0.602	0.794	1.633	0.176	0.252	0.502	0.176	0.496	1.223	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.221								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	20	0.	0.101	2.	0.	0.2	0.447	0.	0.	0.	0.009
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	20	0.915	1.28	5.75	0.	2.103	1.45	0.	0.038	2.2	3.02

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0041

NPS Station ID: ASIS0041 LAT/LON: 37.915837/ -75.378170 Agency: 11NPSWRD Date Created: 07/01/95
Location: TOM'S COVE FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_VB5
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
SAMPLE SITE IS LOCATED IN THE VIRGINIA PORTION OF CHINCOTEAGUE BAY. SAMPLES ARE TAKEN 200 YARDS SOUTH OF OYSTER HOUSE.
STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND NATIONAL SEASHORE AS PART OF A NETWORK TO MONITOR WATER QUALITY IN CHINCOTEAGUE AND SINEPUXENT BAYS FROM 1987 TO 1994.

Parameter Inventory for Station: ASIS0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/91-10/19/94	26	23.85	21.996	29.4	12.1	23.148	4.811	14.22	18.025	26.125	26.53
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-10/19/94	18	48600.	48416.667	50700.	45100.	1692058.824	1300.792	46630.	47800.	49150.	50160.
00300	OXYGEN, DISSOLVED MG/L	05/01/91-10/19/94	26	7.05	7.323	9.4	5.2	1.124	1.06	6.18	6.45	8.425	8.73
00406	PH, FIELD, STANDARD UNITS SU	05/01/91-10/19/94	26	7.845	7.79	8.01	7.	0.039	0.196	7.6	7.723	7.9	7.939
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/01/91-10/19/94	26	7.845	7.724	8.01	7.	0.043	0.207	7.6	7.722	7.9	7.939
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/91-10/19/94	26	0.014	0.019	0.1	0.01	0.	0.017	0.012	0.013	0.019	0.025
00480	SALINITY - PARTS PER THOUSAND	05/01/91-10/19/94	26	31.7	31.662	33.4	29.3	0.685	0.828	30.57	31.275	32.125	32.69
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/91-09/16/94	25	15.	28.76	114.	4.	982.44	31.344	5.6	11.5	26.5	85.2
00600	NITROGEN, TOTAL (MG/L AS N)	05/01/91-09/16/94	24	0.25	0.274	0.51	0.16	0.009	0.094	0.165	0.215	0.308	0.455
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/91-09/16/94	24	0.013	0.023	0.081	0.003	0.001	0.023	0.003	0.008	0.035	0.068
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/91-09/16/94	25	0.001	0.003	0.01	0.	0.	0.003	0.	0.	0.005	0.009
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/91-09/16/94	24	0.06	0.062	0.104	0.026	0.	0.022	0.028	0.048	0.081	0.095
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/91-09/16/94	25	0.017	0.018	0.045	0.003	0.	0.012	0.004	0.007	0.025	0.035
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/91-09/16/94	25	0.8	0.936	2.5	0.2	0.382	0.618	0.26	0.5	1.15	2.14
32230	CHLOROPHYLL A (MG/L)	05/01/91-09/16/94	25	0.005	0.005	0.015	0.002	0.	0.003	0.002	0.003	0.006	0.01
32231	CHLOROPHYLL B (MG/L)	05/29/91-09/16/94	21	0.001	0.	0.001	0.	0.	0.	0.	0.	0.001	0.001
32232	CHLOROPHYLL C (MG/L)	05/01/91-09/16/94	24	0.001	0.001	0.004	0.	0.	0.001	0.	0.001	0.002	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

EPA Water Quality Criteria Analysis for Station: ASIS0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	26	0	0.00	2	0	0.00	12	0	0.00	12	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	26	0	0.00	2	0	0.00	12	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	26	0	0.00	2	0	0.00	12	0	0.00	12	0	0.00			

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

Station Inventory for Station: ASIS0042

NPS Station ID: ASIS0042 LAT/LON: 37.916115/ -75.362504 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10146
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 15.540 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010024400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	108	4.	23.852	1100.	1.5	13099.501	114.453	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	108	0.602	0.706	3.041	0.176	0.306	0.553	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.076								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	04/25/77-11/30/82	30	3.6	5.75	43.	1.5	70.443	8.393	1.5	1.5	7.75	14.41
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	04/25/77-11/30/82	30	0.556	0.525	1.633	0.176	0.168	0.41	0.176	0.176	0.887	1.154
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.349								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	136	0.	0.14	2.25	0.	0.126	0.355	0.	0.	0.045	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	136	0.5	0.853	5.75	0.	1.19	1.091	0.	0.005	1.195	2.43

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

EPA Water Quality Criteria Analysis for Station: ASIS0042

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	108	2	0.02	38	1	0.03	36	0	0.00	34	1	0.03			

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

Annual Analysis for 1969 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	2	4.	4.	4.	4.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	2	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	5	4.	4.	9.	1.5	9.375	3.062	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	5	0.602	0.502	0.954	0.176	0.109	0.331	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.178								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	9.	50.364	460.	4.	18483.455	135.954	4.	7.	11.	372.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	0.954	1.081	2.663	0.602	0.318	0.564	0.602	0.845	1.041	2.403
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.039								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.433	2.25	0.	0.726	0.852	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.4	1.455	5.75	0.	3.728	1.931	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	6.5	16.85	75.	1.5	565.336	23.777	1.75	4.	22.	71.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.778	0.918	1.875	0.176	0.272	0.521	0.219	0.602	1.29	1.851
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.275								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	1.09	1.376	3.03	0.03	0.927	0.963	0.081	0.615	2.4	2.967

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

Annual Analysis for 1973 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	9.	10.864	43.	1.5	157.955	12.568	1.5	1.5	15.	39.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	0.954	0.786	1.633	0.176	0.253	0.503	0.176	0.176	1.176	1.579
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.104								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.156	1.	0.	0.104	0.323	0.	0.	0.2	0.904
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.09	0.61	2.58	0.	0.918	0.958	0.	0.	1.28	2.504

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

Annual Analysis for 1974 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16 ##	1.5	6.531	43.	1.5	124.049	11.138	1.5	1.5	4.	29.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16 ##	0.176	0.496	1.633	0.176	0.215	0.463	0.176	0.176	0.602	1.443
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.136								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.44	0.743	4.17	0.	1.139	1.067	0.	0.	0.928	2.651

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

Annual Analysis for 1975 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	4.	5.625	23.	1.5	38.142	6.176	1.5	1.5	8.5	18.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.602	0.567	1.362	0.176	0.162	0.402	0.176	0.176	0.927	1.239
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.688								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	4.	7.55	23.	1.5	66.914	8.18	1.75	4.	8.75	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.602	0.711	1.362	0.176	0.135	0.368	0.219	0.602	0.792	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.145								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

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

Annual Analysis for 1977 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	5.5	103.708	1100.	1.5	99095.203	314.794	1.5	1.5	13.5	797.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.724	0.869	3.041	0.176	0.774	0.88	0.176	0.176	1.121	2.72
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.388								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

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

Annual Analysis for 1978 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	1.5	14.944	120.	1.5	1552.715	39.405	1.5	1.5	2.75	120.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	0.176	0.435	2.079	0.176	0.4	0.633	0.176	0.176	0.389	2.079
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.722								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

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

Annual Analysis for 1979 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	3.5	7.95	23.	1.5	78.636	8.868	1.5	1.5	17.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.54	0.659	1.362	0.176	0.225	0.475	0.176	0.176	1.223	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.556								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.085	0.165	0.6	0.	0.046	0.215	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.185	0.401	1.4	0.	0.269	0.519	**	**	**	**

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

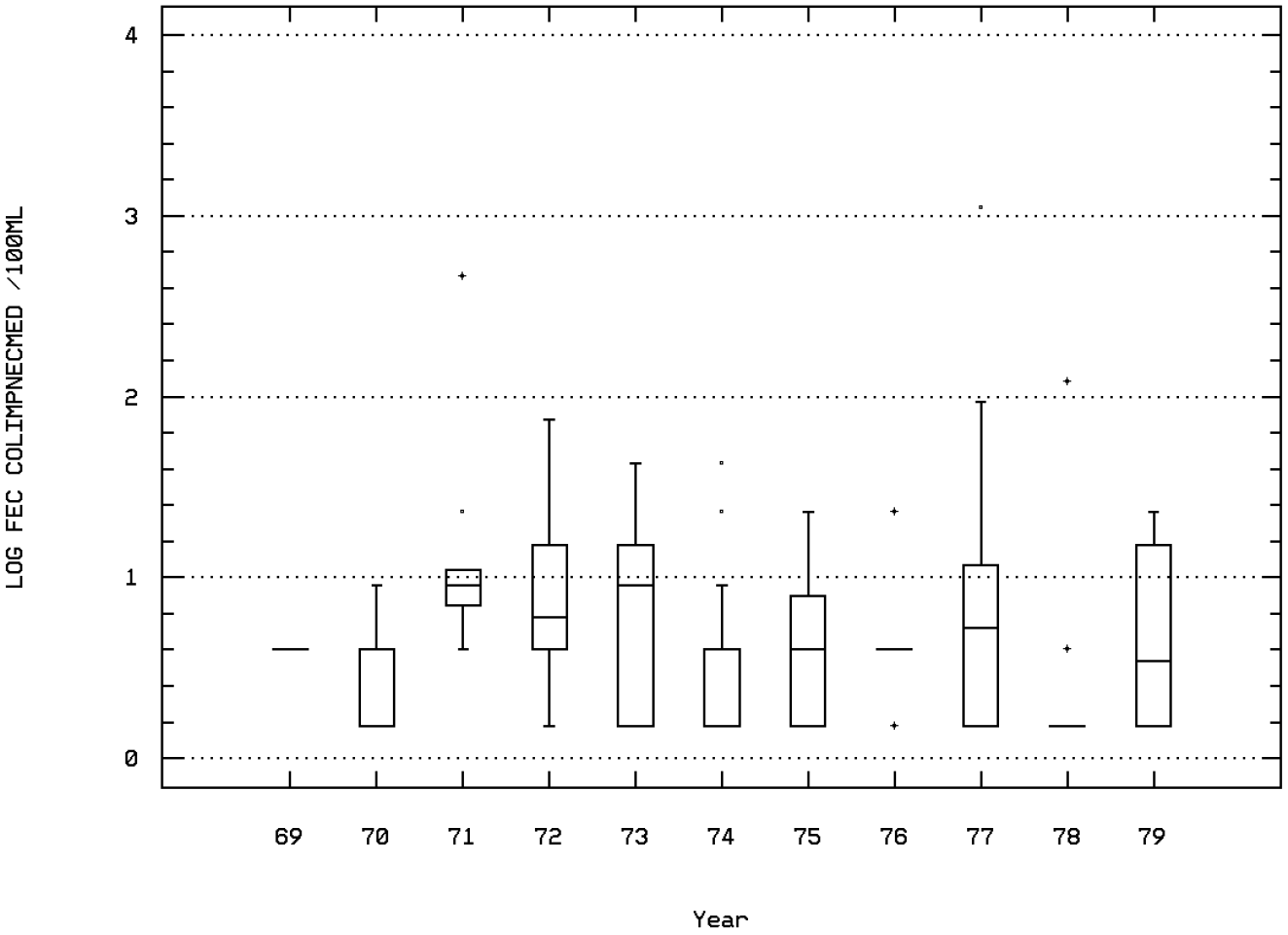
Annual Analysis for 1982 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Station: ASIS0042 Parameter Code: 31615

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	38	4.	22.105	460.	1.5	5588.299	74.755	1.5	1.5	9.5	25.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	38	0.602	0.779	2.663	0.176	0.311	0.558	0.176	0.176	0.976	1.389
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.012								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	49	0.	0.172	2.25	0.	0.166	0.408	0.	0.	0.14	0.68
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	49	0.54	0.833	4.17	0.	1.029	1.014	0.	0.05	0.98	2.37

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36 ##	1.5	6.069	43.	1.5	75.159	8.669	1.5	1.5	6.25	17.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36 ##	0.176	0.519	1.633	0.176	0.192	0.438	0.176	0.176	0.784	1.232
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.302								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	43	0.	0.13	1.35	0.	0.087	0.294	0.	0.	0.1	0.49
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	43	0.6	0.969	4.93	0.	1.316	1.147	0.	0.	1.6	2.938

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	34	4.	44.632	1100.	1.5	35335.368	187.977	1.5	3.75	9.	59.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	34	0.602	0.821	3.041	0.176	0.382	0.618	0.176	0.571	0.954	1.754
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.625								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	44	0.	0.115	2.	0.	0.123	0.351	0.	0.	0.	0.56
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	44	0.305	0.762	5.75	0.	1.279	1.131	0.	0.	1.2	2.4

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

Station Inventory for Station: ASIS0043

NPS Station ID: ASIS0043 LAT/LON: 37.916670/ -75.352782 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10144
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 21.090 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010118000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/70-07/20/71	2	13.35	13.35	15.6	11.1	10.125	3.182	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/24/70-07/20/71	2	30.75	30.75	31.1	30.4	0.245	0.495	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	48	4.	11.542	240.	1.5	1205.488	34.72	1.5	1.5	9.	15.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	48	0.602	0.655	2.38	0.176	0.222	0.471	0.176	0.176	0.954	1.195
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.52								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	10	3.6	4.82	15.	1.5	19.628	4.43	1.5	1.5	7.75	14.41
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	10	0.556	0.537	1.176	0.176	0.135	0.367	0.176	0.176	0.887	1.154
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.445								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	58	0.	0.176	2.25	0.	0.225	0.475	0.	0.	0.	0.793
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	58	0.615	1.025	5.75	0.	1.376	1.173	0.	0.22	1.425	2.859

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

EPA Water Quality Criteria Analysis for Station: ASIS0043

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	48	1	0.02	16	1	0.06	17	0	0.00	15	0	0.00			

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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	16	6.5	22.563	240.	1.5	3445.263	58.696	1.5	2.125	9.	99.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	16	0.778	0.814	2.38	0.176	0.34	0.583	0.176	0.283	0.954	1.828
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.523								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	21	0.	0.289	2.25	0.	0.338	0.582	0.	0.	0.465	1.188
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	21	0.64	0.9	3.75	0.	0.877	0.937	0.004	0.275	1.	2.45

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	17	4.	3.588	9.	1.5	6.632	2.575	1.5	1.5	4.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	17	0.602	0.457	0.954	0.176	0.088	0.296	0.176	0.176	0.602	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.866								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	18	0.	0.118	1.35	0.	0.109	0.331	0.	0.	0.063	0.594
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	18	0.55	0.908	3.05	0.	1.165	1.08	0.	0.023	1.43	3.032

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	15	4.	8.8	43.	1.5	124.386	11.153	1.5	1.5	9.	31.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	15	0.602	0.709	1.633	0.176	0.202	0.45	0.176	0.176	0.954	1.47
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.12								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	19	0.	0.106	2.	0.	0.21	0.459	0.	0.	0.	0.01
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	19	0.63	1.275	5.75	0.	2.185	1.478	0.	0.15	2.4	3.04

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

Station Inventory for Station: ASIS0044

NPS Station ID: ASIS0044 LAT/LON: 37.916670/ -75.373615 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10147.5A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 14.900 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010148300.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0044

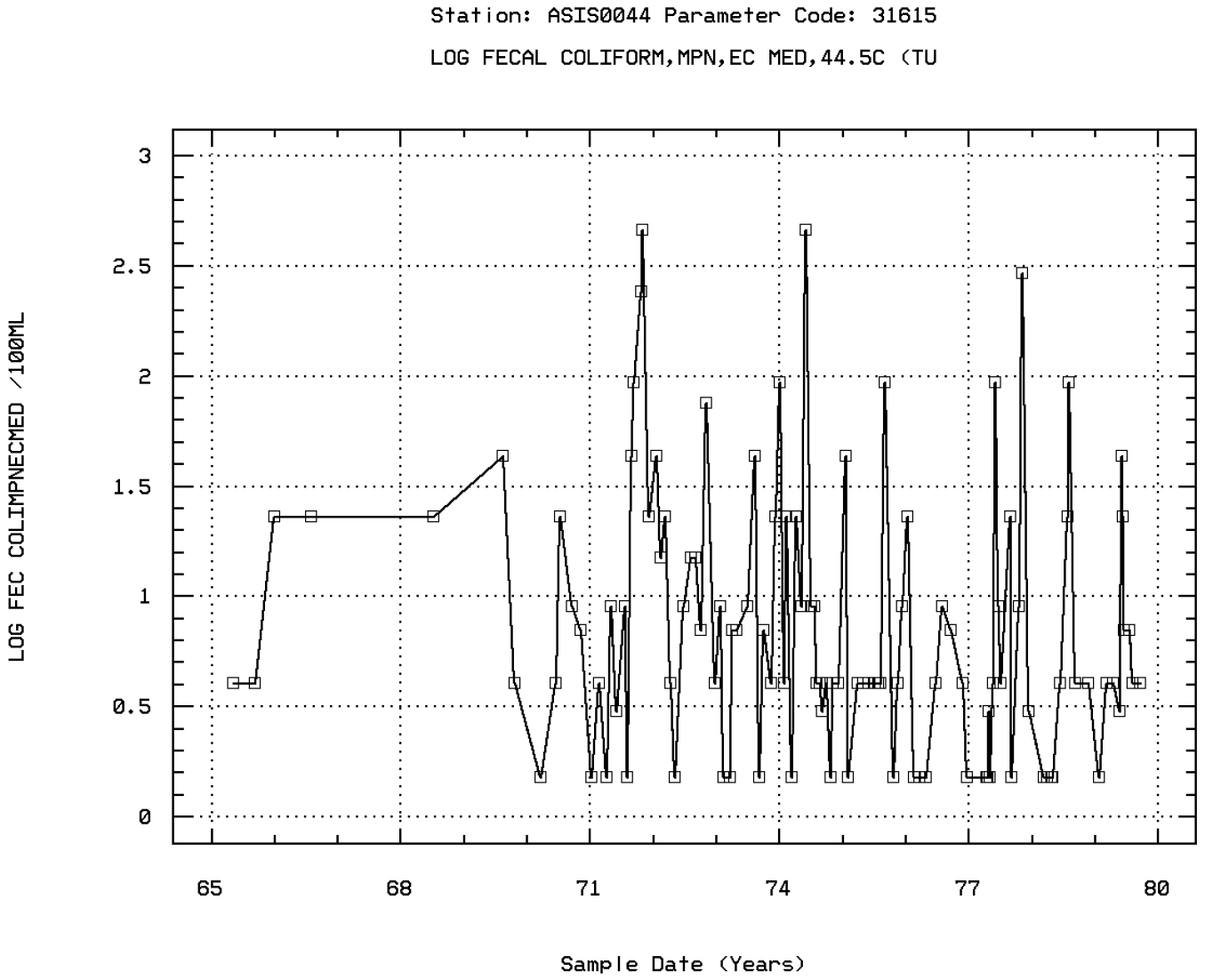
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	115	4.	25.613	460.	1.5	4903.781	70.027	1.5	3.	23.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	115	0.602	0.853	2.663	0.176	0.354	0.595	0.176	0.477	1.362	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.135								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30	3.6	8.597	43.	1.5	126.604	11.252	1.5	1.5	14.25	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30	0.556	0.63	1.633	0.176	0.253	0.503	0.176	0.176	1.154	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.269								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	34	25.	71.338	310.	0.5	9710.435	98.542	5.	8.75	65.	265.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	34	1.389	1.409	2.491	-0.301	0.463	0.68	0.699	0.925	1.809	2.423
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			25.622								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	07/03/73-05/02/77	11 ##	1.5	6.864	43.	1.5	159.655	12.635	1.5	1.5	4.	37.4
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	07/03/73-05/02/77	11 ##	0.176	0.466	1.633	0.176	0.247	0.497	0.176	0.176	0.602	1.542
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			2.921								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	141	0.	0.132	2.25	0.	0.115	0.339	0.	0.	0.03	0.518
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	141	0.5	0.855	5.75	0.	1.165	1.079	0.	0.01	1.2	2.4

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

EPA Water Quality Criteria Analysis for Station: ASIS0044

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	115	4	0.03	40	3	0.08	37	1	0.03	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



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Annual Analysis for 1965 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	4.	4.	4.	4.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.								

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

Annual Analysis for 1966 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	23.	23.	23.	23.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	1.362	1.362	1.362	1.362	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1968 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	1	23.	23.	23.	23.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	1	1.362	1.362	1.362	1.362	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	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 box-and-whisker plot

Annual Analysis for 1969 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	23.5	23.5	43.	4.	760.5	27.577	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	1.118	1.118	1.633	0.602	0.532	0.729	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.115								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	7.	8.9	23.	1.5	70.3	8.385	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	0.845	0.788	1.362	0.176	0.192	0.438	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.135								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	9.	74.042	460.	1.5	19512.248	139.686	1.5	1.875	80.5	394.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.954	1.127	2.663	0.176	0.765	0.875	0.176	0.251	1.885	2.578
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.393								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.397	2.25	0.	0.676	0.822	0.	0.	0.383	2.175
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.355	1.334	5.75	0.	3.566	1.888	0.	0.	2.663	5.15

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

Annual Analysis for 1972 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	15.	19.227	75.	1.5	477.568	21.853	2.	4.	23.	68.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	1.176	1.053	1.875	0.176	0.238	0.488	0.261	0.602	1.362	1.827
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.286								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

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

Annual Analysis for 1973 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	7.	10.318	43.	1.5	153.864	12.404	1.5	1.5	9.	39.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.845	0.779	1.633	0.176	0.227	0.476	0.176	0.176	0.954	1.579
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.012								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.156	1.	0.	0.104	0.323	0.	0.	0.2	0.904
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.09	0.61	2.58	0.	0.918	0.958	0.	0.	1.28	2.504

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

Annual Analysis for 1974 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	4.	41.	460.	1.5	12984.233	113.948	1.5	4.	19.5	203.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	0.602	0.916	2.663	0.176	0.429	0.655	0.176	0.602	1.26	2.177
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.245								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	4.	14.667	93.	1.5	737.652	27.16	1.5	4.	7.75	78.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.602	0.76	1.968	0.176	0.283	0.532	0.176	0.602	0.866	1.868
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.757								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	4.	5.889	23.	1.5	48.486	6.963	1.5	1.5	8.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	0.602	0.563	1.362	0.176	0.184	0.429	0.176	0.176	0.9	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.658								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.03	0.124	0.68	0.	0.051	0.225	0.	0.	0.18	0.68
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.56	0.489	1.4	0.	0.193	0.439	0.	0.045	0.66	1.4

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

Annual Analysis for 1977 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	13	4.	34.154	290.	1.5	6527.891	80.795	1.5	1.5	16.	211.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	13	0.602	0.813	2.462	0.176	0.528	0.727	0.176	0.176	1.158	2.265
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.495								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

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

Annual Analysis for 1978 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	4.	14.889	93.	1.5	904.986	30.083	1.5	1.5	13.5	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	0.602	0.649	1.968	0.176	0.394	0.628	0.176	0.176	0.982	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.456								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

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

Annual Analysis for 1979 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	4.	10.05	43.	1.5	171.247	13.086	1.65	3.75	11.	41.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.602	0.775	1.633	0.176	0.184	0.429	0.206	0.571	0.974	1.606
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.952								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

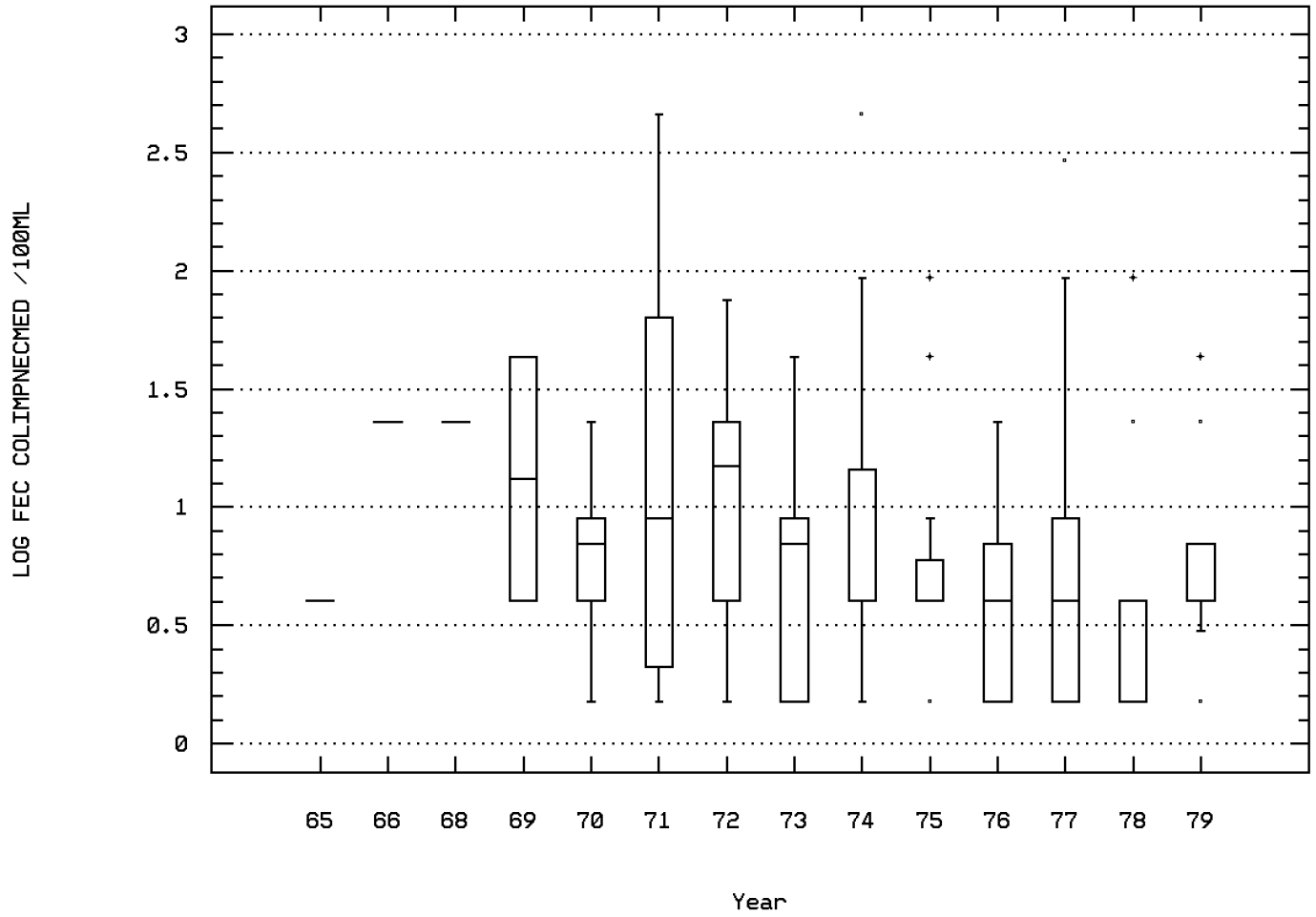
Annual Analysis for 1982 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Station: ASIS0044 Parameter Code: 31615

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	40	4.	37.325	460.	1.5	8190.879	90.503	1.5	1.875	23.	91.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	40	0.602	0.913	2.663	0.176	0.479	0.692	0.176	0.251	1.362	1.959
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.19								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	51	0.	0.165	2.25	0.	0.161	0.401	0.	0.	0.08	0.664
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	51	0.54	0.812	4.17	0.	1.002	1.001	0.	0.03	0.98	2.352

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0044

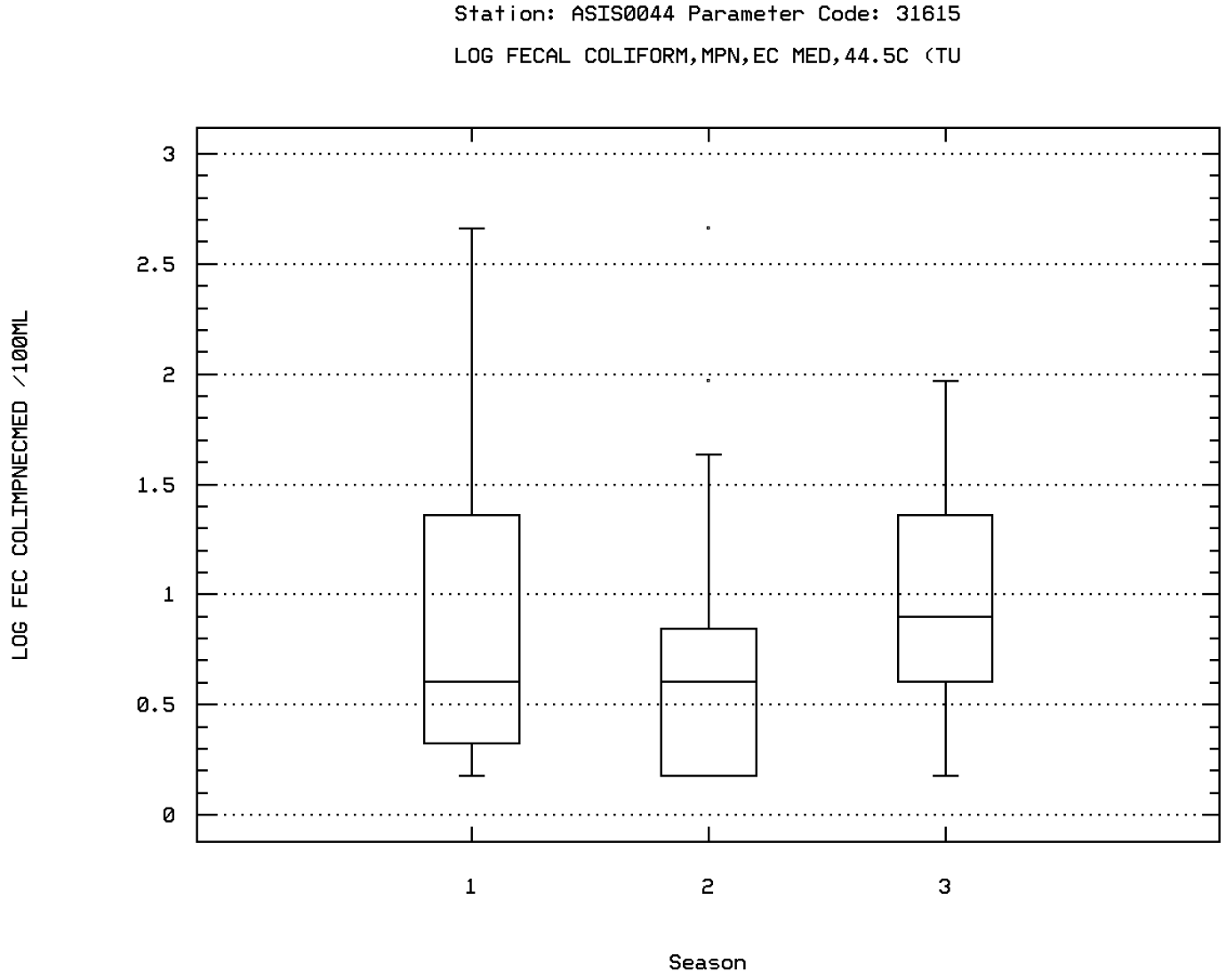
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37	4.	20.703	460.	1.5	5777.298	76.009	1.5	1.5	8.	27.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37	0.602	0.673	2.663	0.176	0.307	0.554	0.176	0.176	0.9	1.416
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.711								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.	0.101	1.	0.	0.051	0.227	0.	0.	0.063	0.451
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.64	1.015	4.93	0.	1.337	1.156	0.	0.	1.658	2.961

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	38	8.	18.066	93.	1.5	623.259	24.965	2.85	4.	23.	48.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	38	0.9	0.966	1.968	0.176	0.239	0.489	0.447	0.602	1.362	1.667
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.243								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	48	0.	0.123	2.	0.	0.125	0.353	0.	0.	0.	0.614
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	48	0.37	0.761	5.75	0.	1.202	1.096	0.	0.	1.2	2.4

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



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Station Inventory for Station: ASIS0045

NPS Station ID: ASIS0045 LAT/LON: 37.917226/ -75.372226 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10147.5B
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 14.900 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.01 RF3 Mile Point: 0.16 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0045

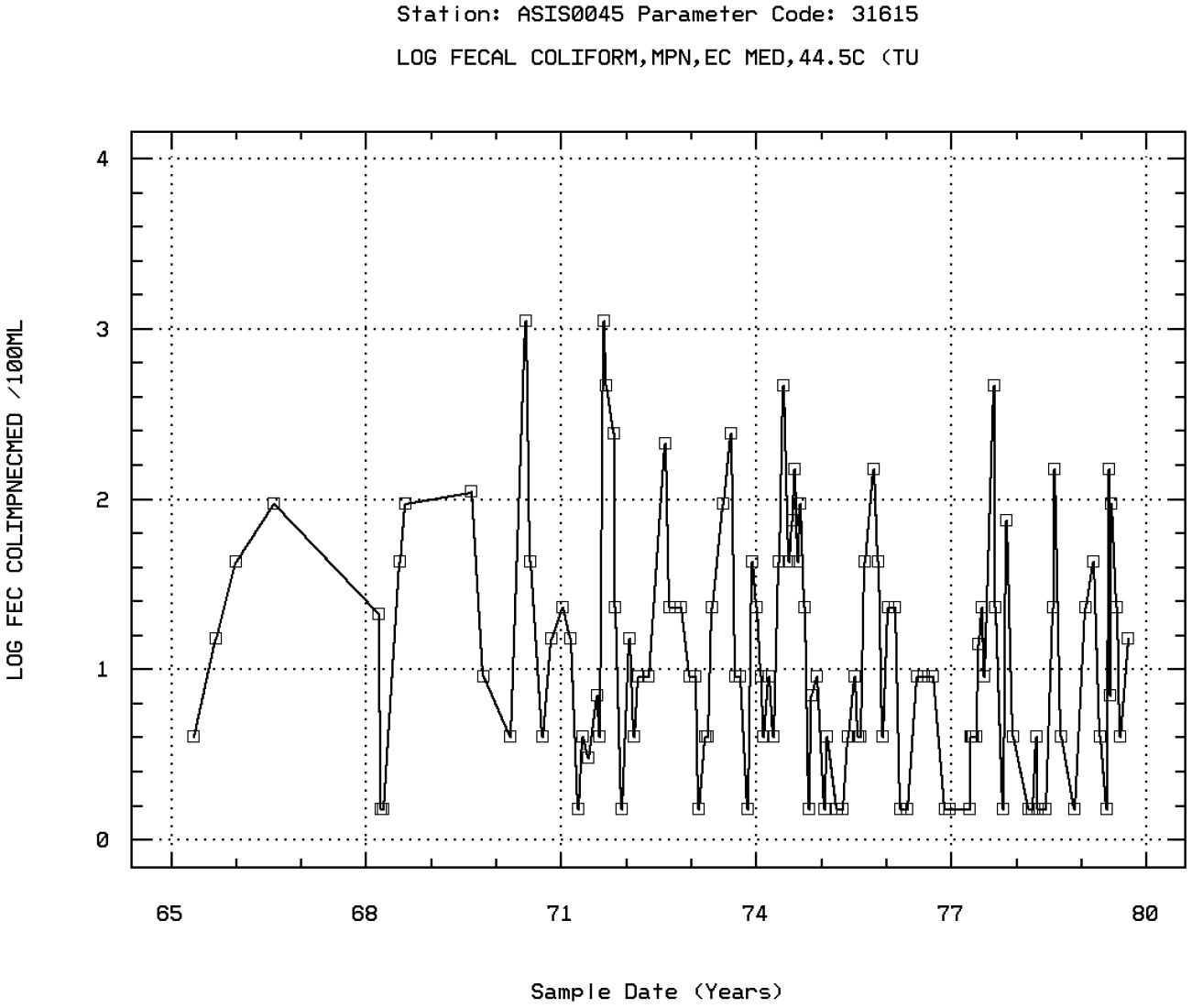
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/68-04/08/68	2	9.15	9.15	10.6	7.7	4.205	2.051	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/25/68-04/08/68	2	31.25	31.25	32.4	30.1	2.645	1.626	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	117	9.	57.846	1100.	1.5	25941.239	161.063	1.5	4.	43.	150.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	117	0.954	1.079	3.041	0.176	0.514	0.717	0.176	0.602	1.633	2.176
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.997								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	29	3.6	21.379	210.	1.5	1913.928	43.748	1.5	1.5	19.	93.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	29	0.556	0.782	2.322	0.176	0.428	0.654	0.176	0.176	1.269	1.968
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.057								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	33	70.	153.03	680.	5.	36306.155	190.542	5.	20.	195.	500.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	33	1.845	1.799	2.833	0.699	0.433	0.658	0.699	1.301	2.29	2.697
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			62.916								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	05/01/73-11/09/77	14	4.	20.571	150.	1.5	1591.418	39.893	1.5	1.5	22.	96.5
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	05/01/73-11/09/77	14	0.602	0.819	2.176	0.176	0.397	0.63	0.176	0.176	1.29	1.905
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			6.59								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	142	0.	0.128	2.25	0.	0.112	0.334	0.	0.	0.03	0.517
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	142	0.5	0.823	5.75	0.	1.126	1.061	0.	0.	1.128	2.391

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

EPA Water Quality Criteria Analysis for Station: ASIS0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	117	8	0.07	41	1	0.02	37	2	0.05	39	5	0.13			

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



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Annual Analysis for 1965 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	9.5	9.5	15.	4.	60.5	7.778	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	0.889	0.889	1.176	0.602	0.165	0.406	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.746								

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

Annual Analysis for 1966 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	68.	68.	93.	43.	1250.	35.355	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	1.801	1.801	1.968	1.633	0.056	0.237	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			63.238								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1968 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	21.	32.	93.	1.5	1455.875	38.156	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	1.322	1.055	1.968	0.176	0.696	0.834	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.357								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.104	0.52	0.	0.054	0.233	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.5	0.458	1.02	0.	0.158	0.397	**	**	**	**

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

Annual Analysis for 1969 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	59.5	59.5	110.	9.	5100.5	71.418	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	1.498	1.498	2.041	0.954	0.591	0.769	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			31.464								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	15.	233.2	1100.	4.	235048.7	484.818	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	1.176	1.411	3.041	0.602	1.018	1.009	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.764								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	11.	156.833	1100.	1.5	107765.197	328.276	1.5	3.25	185.75	908.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	1.011	1.239	3.041	0.176	0.947	0.973	0.176	0.508	2.126	2.928
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.32								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.397	2.25	0.	0.676	0.822	0.	0.	0.383	2.175
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.355	1.334	5.75	0.	3.566	1.888	0.	0.	2.663	5.15

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

Annual Analysis for 1972 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	15.	36.111	210.	4.	4304.361	65.608	4.	9.	23.	210.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	1.176	1.228	2.322	0.602	0.234	0.484	0.602	0.954	1.362	2.322
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.888								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.92	1.079	2.4	0.03	0.669	0.818	0.03	0.57	1.8	2.4

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

Annual Analysis for 1973 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	9.	39.727	240.	1.5	5154.568	71.795	1.5	4.	43.	210.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	11	0.954	1.069	2.38	0.176	0.5	0.707	0.176	0.602	1.633	2.298
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.732								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.156	1.	0.	0.104	0.323	0.	0.	0.2	0.904
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.09	0.61	2.58	0.	0.918	0.958	0.	0.	1.28	2.504

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

Annual Analysis for 1974 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	23.	62.281	460.	1.5	12882.799	113.502	3.25	7.5	67.	243.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	16	1.362	1.337	2.663	0.176	0.435	0.66	0.474	0.872	1.815	2.322
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.734								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	4.	22.458	150.	1.5	1846.657	42.973	1.5	2.125	34.5	117.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.602	0.828	2.176	0.176	0.424	0.651	0.176	0.283	1.464	2.013
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.73								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	9.	8.778	23.	1.5	77.069	8.779	1.5	1.5	16.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	0.954	0.699	1.362	0.176	0.271	0.521	0.176	0.176	1.158	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.03	0.124	0.68	0.	0.051	0.225	0.	0.	0.18	0.68
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.56	0.489	1.4	0.	0.193	0.439	0.	0.045	0.66	1.4

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

Annual Analysis for 1977 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	13	4.	48.231	460.	1.5	15700.317	125.301	1.5	4.	23.	306.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	13	0.602	0.979	2.663	0.176	0.497	0.705	0.176	0.602	1.362	2.348
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.523								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

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

Annual Analysis for 1978 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9 ##	1.5	20.944	150.	1.5	2390.528	48.893	1.5	1.5	13.5	150.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9 ##	0.176	0.625	2.176	0.176	0.495	0.703	0.176	0.176	0.982	2.176
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.214								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

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

Annual Analysis for 1979 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	19.	36.35	150.	1.5	2350.114	48.478	1.75	4.	55.5	144.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	1.269	1.19	2.176	0.176	0.408	0.639	0.219	0.602	1.717	2.155
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.499								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

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

Annual Analysis for 1981 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.085	0.165	0.6	0.	0.046	0.215	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.185	0.401	1.4	0.	0.269	0.519	**	**	**	**

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

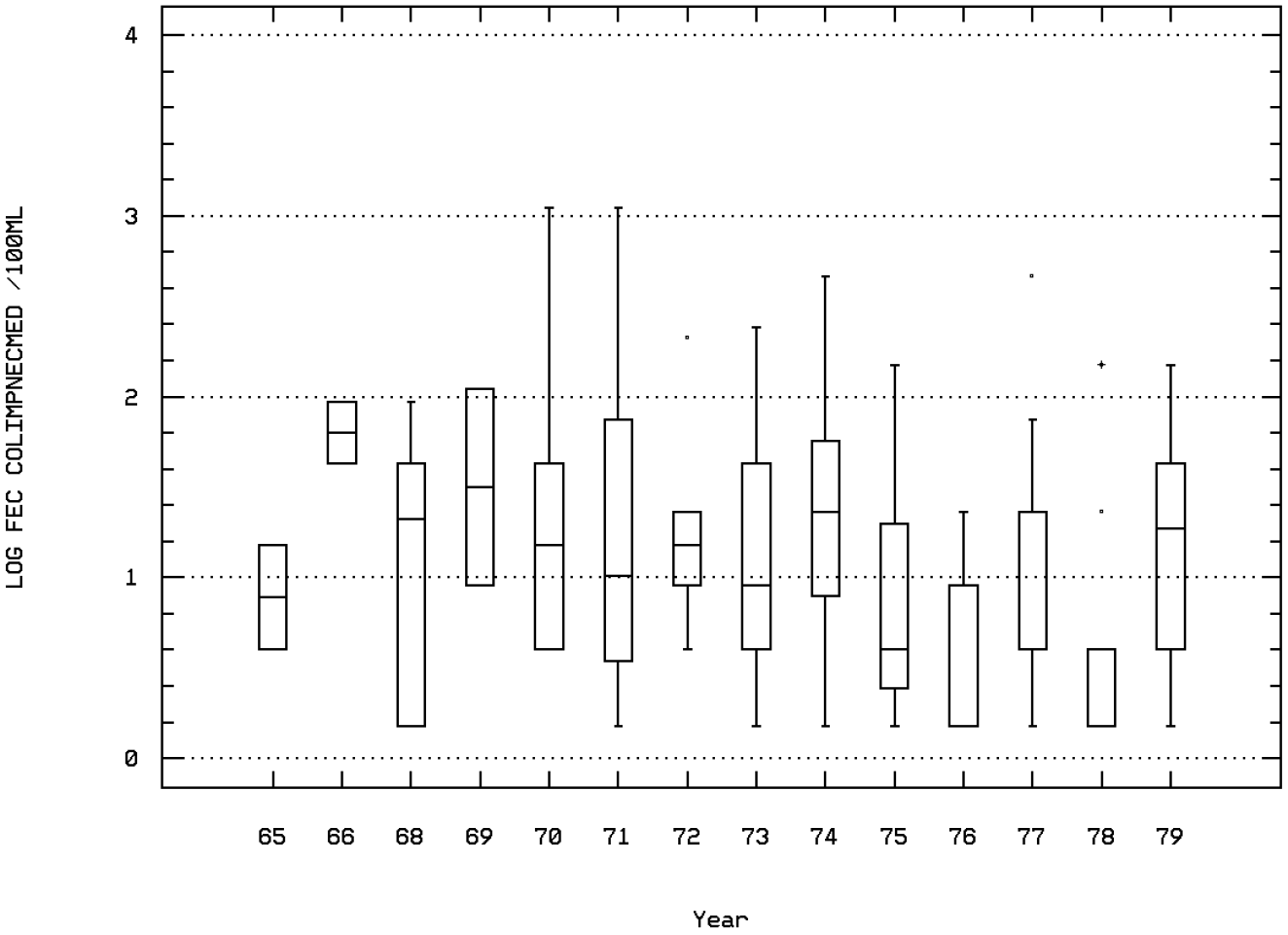
Annual Analysis for 1982 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Station: ASIS0045 Parameter Code: 31615

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	41	9.	23.634	240.	1.5	1893.925	43.519	1.5	2.75	23.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	41	0.954	0.967	2.38	0.176	0.359	0.599	0.176	0.389	1.362	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.267								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	52	0.	0.172	2.25	0.	0.16	0.4	0.	0.	0.17	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	52	0.535	0.797	4.17	0.	0.995	0.998	0.	0.023	0.965	2.343

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0045

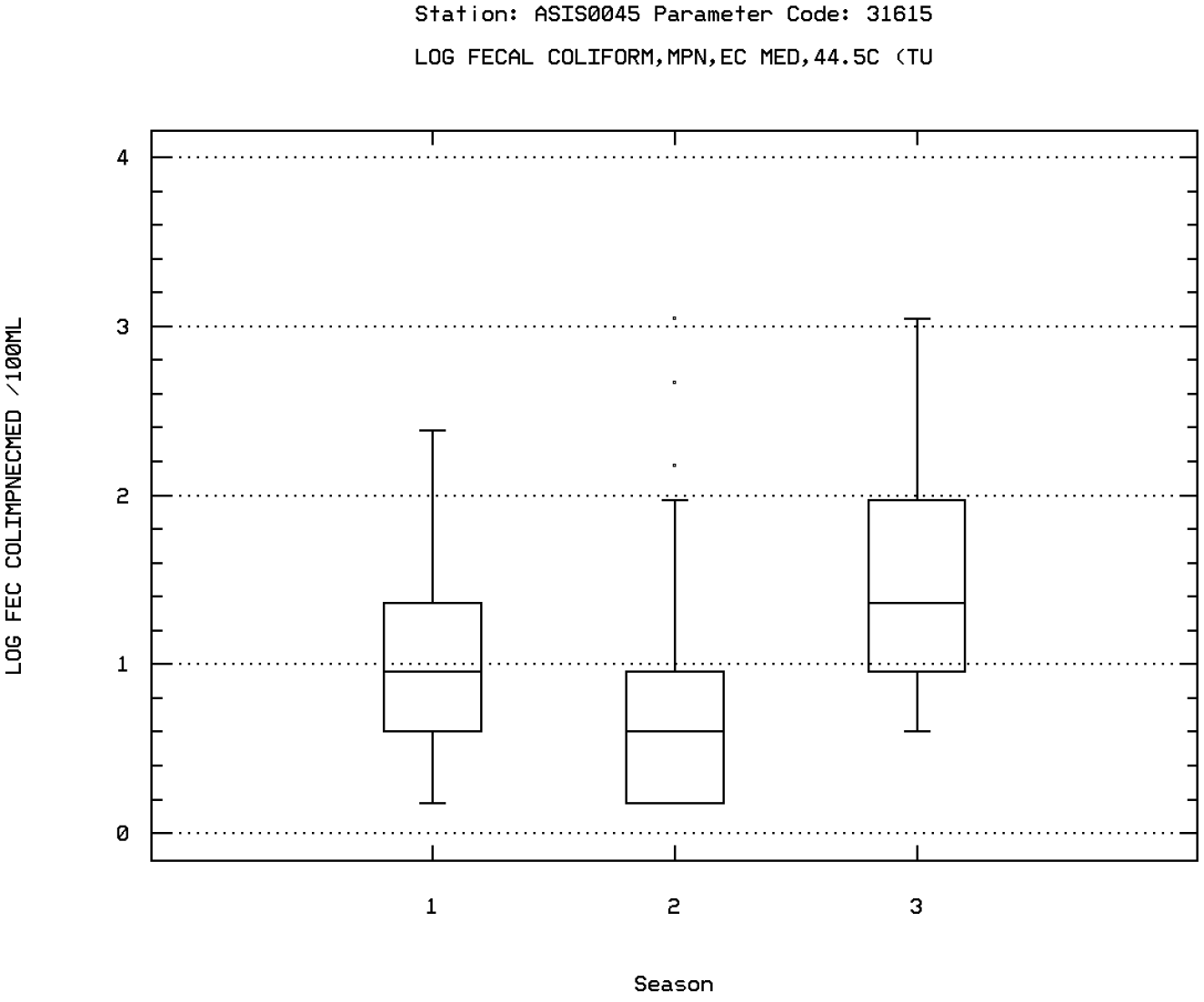
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37	4.	54.162	1100.	1.5	37437.945	193.489	1.5	1.5	9.	104.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37	0.602	0.771	3.041	0.176	0.514	0.717	0.176	0.176	0.954	2.01
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.9								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.	0.101	1.	0.	0.051	0.227	0.	0.	0.063	0.451
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.5	0.921	4.93	0.	1.244	1.115	0.	0.	1.45	2.734

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	39	23.	97.308	1100.	4.	38853.64	197.113	4.	9.	93.	240.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	39	1.362	1.489	3.041	0.602	0.427	0.653	0.602	0.954	1.968	2.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			30.857								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	48	0.	0.105	2.	0.	0.114	0.337	0.	0.	0.	0.528
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	48	0.385	0.766	5.75	0.	1.199	1.095	0.	0.	1.2	2.4

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0046

NPS Station ID: ASIS0046 LAT/LON: 37.917226/ -75.395838 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1017
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 7.580 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010120100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	04/05/72-04/05/72	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	112	4.	8.205	150.	1.5	290.106	17.033	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	112	0.602	0.607	2.176	0.176	0.198	0.445	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.046								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	31 ##	1.5	7.923	43.	1.5	131.258	11.457	1.5	1.5	9.1	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	31 ##	0.176	0.575	1.633	0.176	0.25	0.5	0.176	0.176	0.959	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.762								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-08/18/82	35	10.	52.143	410.	5.	7151.891	84.569	5.	5.	60.	162.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-08/18/82	35	1.	1.268	2.613	0.699	0.377	0.614	0.699	0.699	1.778	2.208
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			18.531								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-04/11/77	4 ##	2.75	7.	21.	1.5	88.5	9.407	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/22/75-04/11/77	4 ##	0.389	0.569	1.322	0.176	0.292	0.541	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			3.708								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	140	0.	0.147	2.25	0.	0.127	0.356	0.	0.	0.05	0.592
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	139	0.48	0.827	5.75	0.	1.154	1.074	0.	0.	1.18	2.4

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

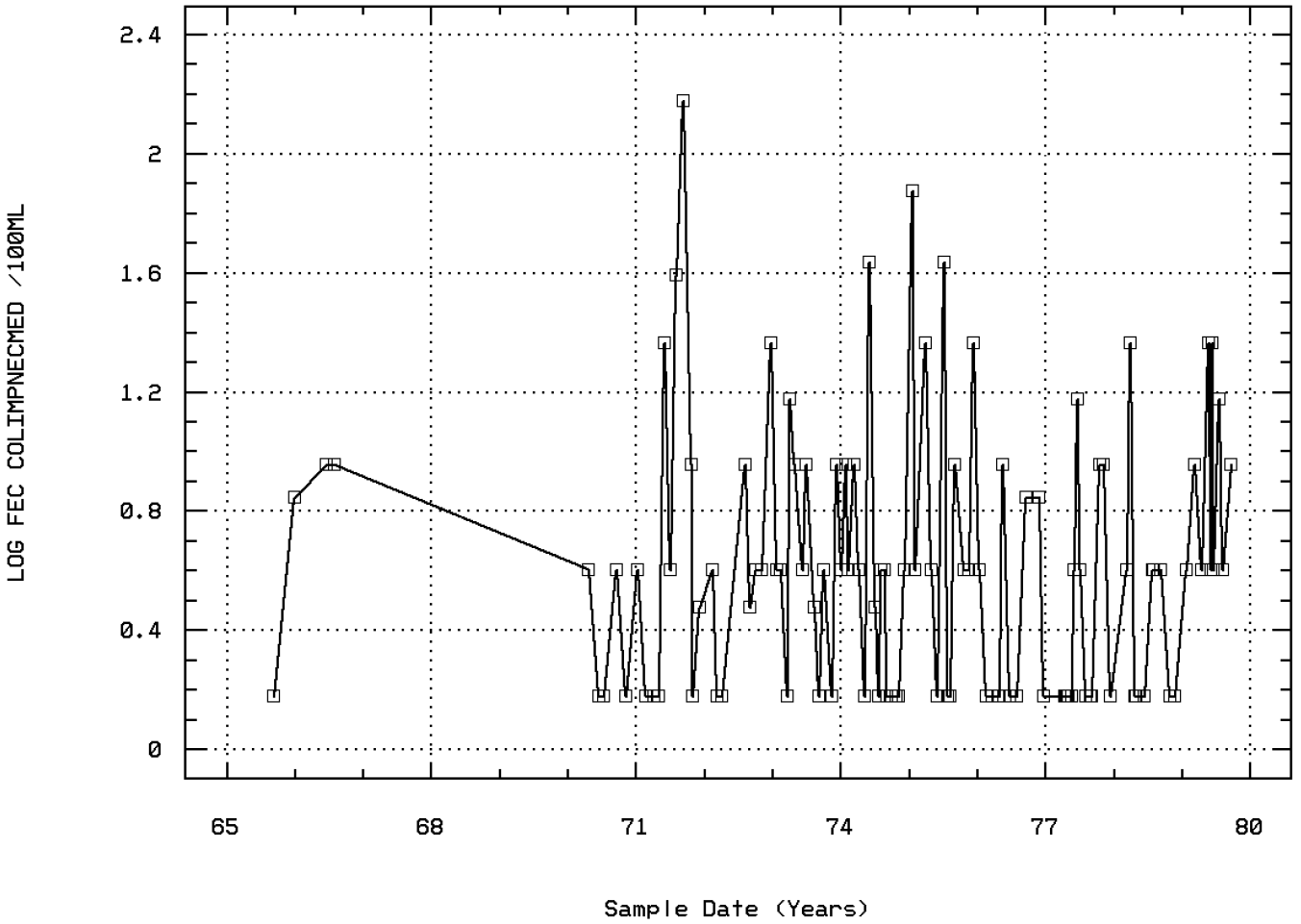
EPA Water Quality Criteria Analysis for Station: ASIS0046

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	112	0	0.00	39	0	0.00	37	0	0.00	36	0	0.00			

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

Station: ASIS0046 Parameter Code: 31615

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Annual Analysis for 1965 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								

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

Annual Analysis for 1966 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	3	9.	8.333	9.	7.	1.333	1.155	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	3	0.954	0.918	0.954	0.845	0.004	0.063	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.277								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	3	1.	0.867	1.6	0.	0.653	0.808	**	**	**	**

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

Annual Analysis for 1970 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	5 ##	1.5	2.5	4.	1.5	1.875	1.369	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	5 ##	0.176	0.346	0.602	0.176	0.054	0.233	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.221								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	11	4.	21.636	150.	1.5	1953.155	44.195	1.5	1.5	23.	127.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	11	0.602	0.77	2.176	0.176	0.459	0.677	0.176	0.176	1.362	2.059
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.887								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	8	4.	6.25	23.	1.5	51.286	7.161	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	8	0.602	0.619	1.362	0.176	0.154	0.392	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.158								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.95	1.214	2.4	0.57	0.582	0.763	**	**	**	**

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

Annual Analysis for 1973 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	4.	5.458	15.	1.5	17.294	4.159	1.5	1.875	9.	13.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	0.602	0.621	1.176	0.176	0.114	0.338	0.176	0.251	0.954	1.11
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.179								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

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

Annual Analysis for 1974 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	16	4.	6.063	43.	1.5	102.763	10.137	1.5	1.5	4.	19.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	16	0.602	0.543	1.633	0.176	0.157	0.397	0.176	0.176	0.602	1.158
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.491								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	4.	16.125	75.	1.5	505.778	22.49	1.5	2.125	23.	65.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	0.602	0.844	1.875	0.176	0.346	0.588	0.176	0.283	1.362	1.803
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.975								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10 ##	1.5	3.6	9.	1.5	8.767	2.961	1.5	1.5	7.	8.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10 ##	0.176	0.43	0.954	0.176	0.115	0.339	0.176	0.176	0.845	0.943
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.693								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

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

Annual Analysis for 1977 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	14 ##	1.5	3.893	15.	1.5	17.468	4.18	1.5	1.5	5.25	12.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	14 ##	0.176	0.42	1.176	0.176	0.134	0.366	0.176	0.176	0.69	1.065
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.627								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	13	0.	0.098	0.79	0.	0.057	0.239	0.	0.	0.025	0.646
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	13	0.	0.515	2.37	0.	0.627	0.792	0.	0.	0.825	2.182

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

Annual Analysis for 1978 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10 ##	2.75	4.65	23.	1.5	43.114	6.566	1.5	1.5	4.	21.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10 ##	0.389	0.465	1.362	0.176	0.144	0.38	0.176	0.176	0.602	1.286
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.918								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	1.02	1.464	3.05	0.	1.507	1.228	0.	0.32	2.77	3.05

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

Annual Analysis for 1979 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	6.5	9.9	23.	4.	60.544	7.781	4.	4.	17.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	0.778	0.882	1.362	0.602	0.105	0.325	0.602	0.602	1.223	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.618								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.077	0.82	0.	0.061	0.246	0.	0.	0.01	0.66
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.5	0.68	1.71	0.15	0.265	0.514	0.164	0.24	0.73	1.682

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

Annual Analysis for 1981 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

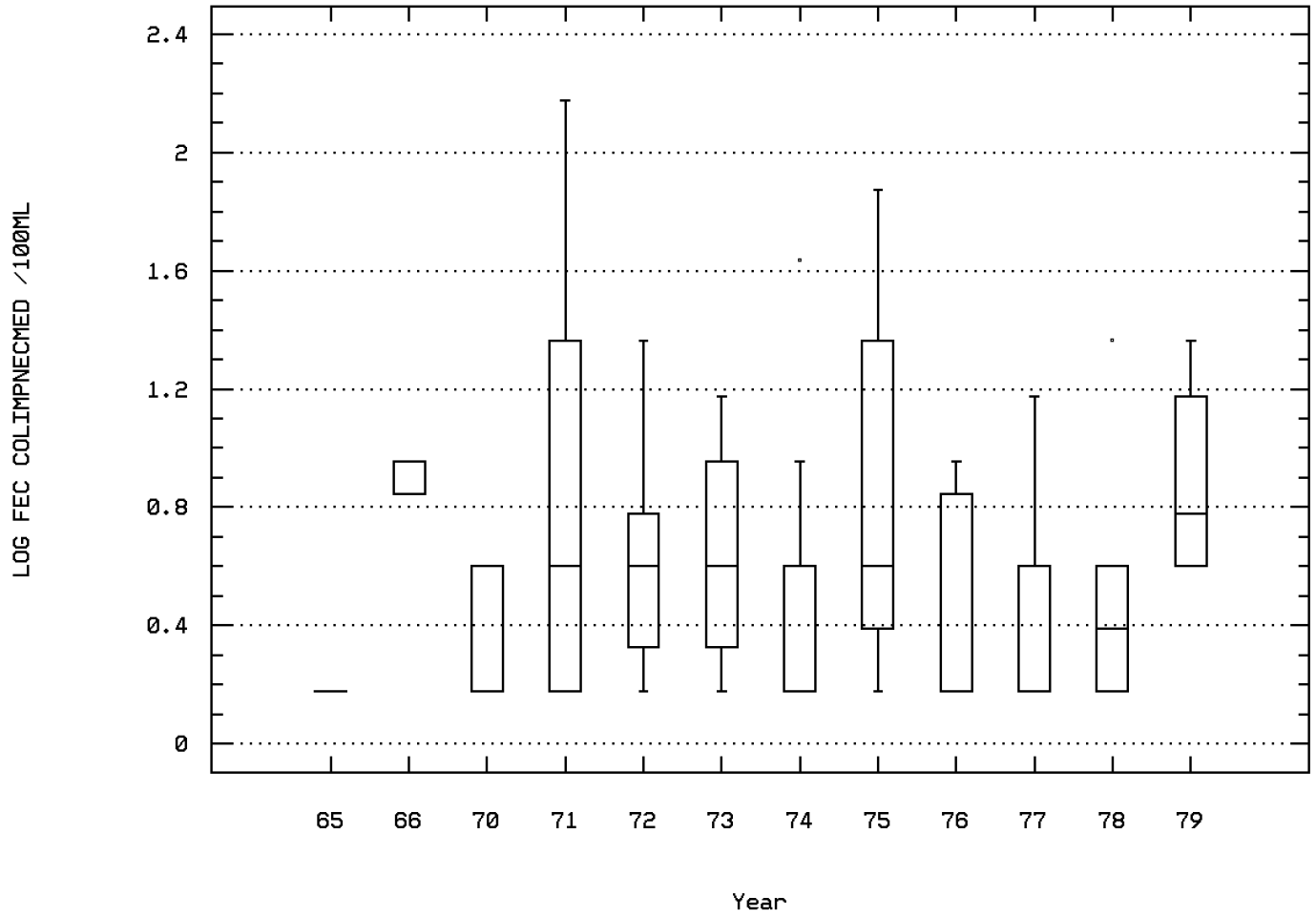
Annual Analysis for 1982 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Station: ASIS0046 Parameter Code: 31615

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	39	4.	7.051	75.	1.5	149.182	12.214	1.5	1.5	9.	9.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	39	0.602	0.615	1.875	0.176	0.157	0.396	0.176	0.176	0.954	0.954
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.122								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	51	0.	0.175	2.25	0.	0.162	0.402	0.	0.	0.2	0.664
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	51	0.56	0.824	4.17	0.	1.022	1.011	0.	0.03	0.98	2.352

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0046

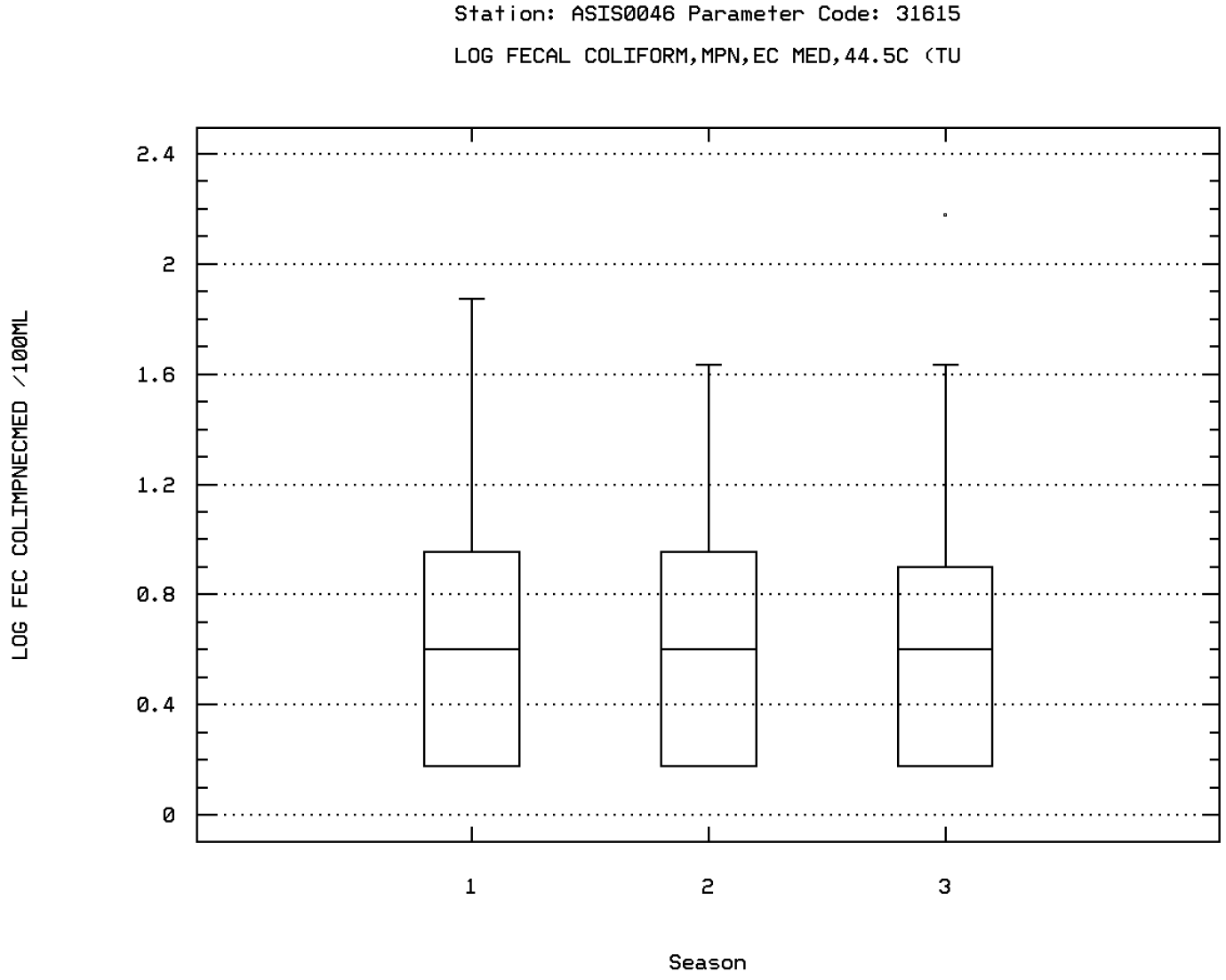
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	37	4.	7.405	43.	1.5	92.401	9.613	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	37	0.602	0.585	1.633	0.176	0.229	0.478	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.845								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	43	0.	0.136	1.35	0.	0.086	0.294	0.	0.	0.11	0.49
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.5	0.906	4.93	0.	1.27	1.127	0.	0.	1.45	2.734

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

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	36	4.	10.278	150.	1.5	656.463	25.622	1.5	1.5	8.5	22.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	36	0.602	0.621	2.176	0.176	0.221	0.47	0.176	0.176	0.927	1.301
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.179								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.759	5.75	0.	1.237	1.112	0.	0.	1.22	2.4

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0047

NPS Station ID: ASIS0047 LAT/LON: 37.918337/ -75.371116 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10147.5C
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 15.040 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.01 RF3 Mile Point: 0.12 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	114	9.	43.711	1100.	1.5	15232.752	123.421	1.5	4.	43.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	114	0.954	1.095	3.041	0.176	0.402	0.634	0.176	0.602	1.633	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.443								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	31	3.6	8.568	23.	1.5	60.7	7.791	1.5	1.5	15.	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	31	0.556	0.735	1.362	0.176	0.193	0.44	0.176	0.176	1.176	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.429								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/19/82	36	40.	126.764	1250.	0.5	57066.35	238.886	5.	5.	135.	396.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/19/82	36	1.602	1.532	3.097	-0.301	0.595	0.771	0.699	0.699	2.129	2.598
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			34.036								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	05/01/73-11/09/77	14	4.	111.643	1100.	1.5	85898.324	293.084	1.5	1.5	54.75	670.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	05/01/73-11/09/77	14	0.602	1.014	3.041	0.176	0.857	0.926	0.176	0.176	1.565	2.711
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			10.338								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	140	0.	0.136	2.25	0.	0.117	0.342	0.	0.	0.045	0.52
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	140	0.49	0.824	5.75	0.	1.128	1.062	0.	0.	1.163	2.397

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

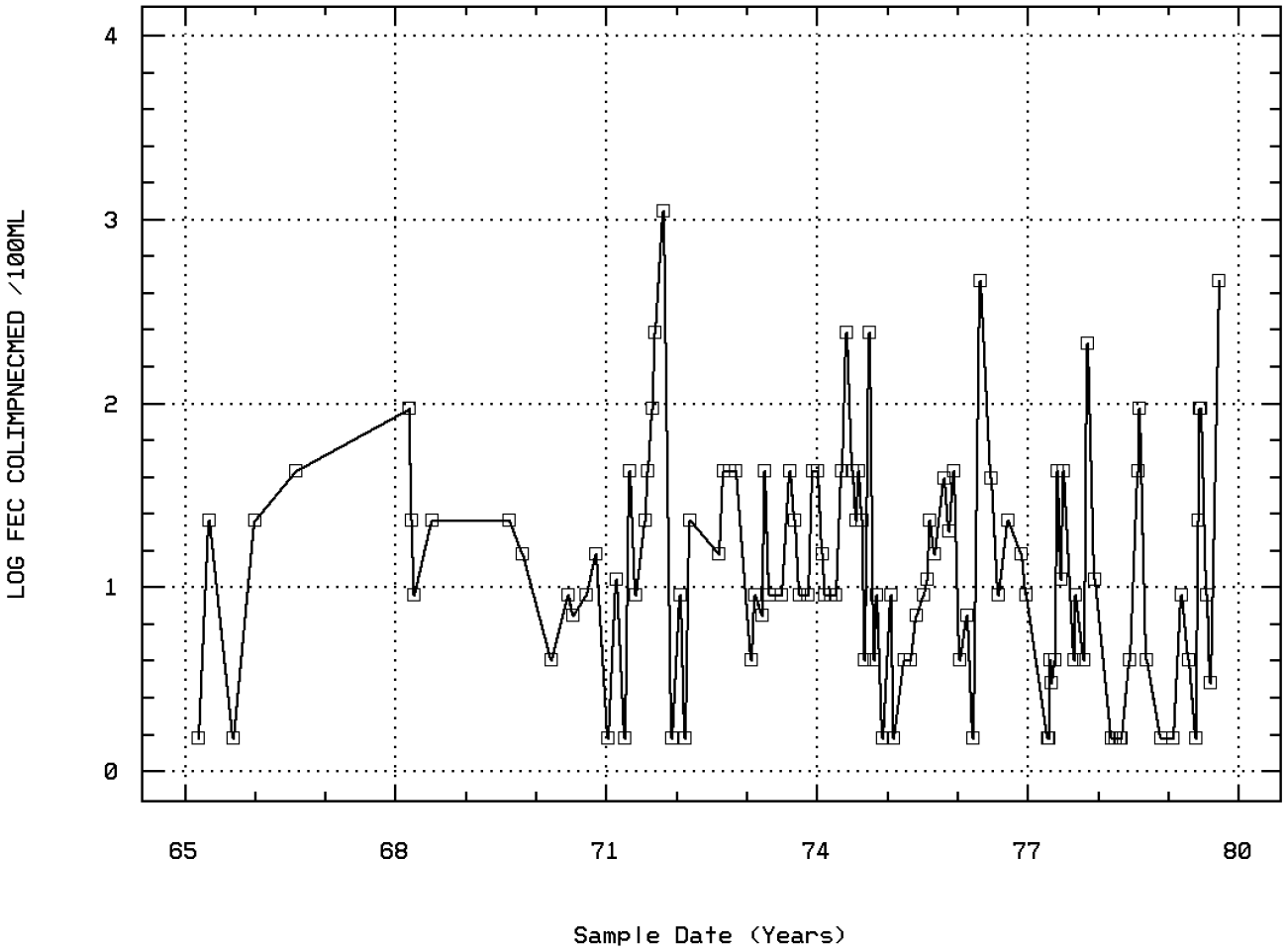
EPA Water Quality Criteria Analysis for Station: ASIS0047

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	114	7	0.06	39	2	0.05	37	2	0.05	38	3	0.08			

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

Station: ASIS0047 Parameter Code: 31615

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



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Annual Analysis for 1965 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	3 ##	1.5	8.667	23.	1.5	154.083	12.413	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	3 ##	0.176	0.571	1.362	0.176	0.469	0.685	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.727								

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

Annual Analysis for 1966 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2	33.	33.	43.	23.	200.	14.142	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2	1.498	1.498	1.633	1.362	0.037	0.192	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			31.448								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1968 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	4	23.	37.	93.	9.	1437.333	37.912	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	4	1.362	1.412	1.968	0.954	0.175	0.418	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.796								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.	0.13	0.52	0.	0.068	0.26	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.335	0.423	1.02	0.	0.202	0.449	**	**	**	**

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

Annual Analysis for 1969 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2	19.	19.	23.	15.	32.	5.657	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2	1.269	1.269	1.362	1.176	0.017	0.131	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.574								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	5	9.	8.8	15.	4.	16.2	4.025	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	5	0.954	0.906	1.176	0.602	0.043	0.208	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.06								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	11	23.	142.409	1100.	1.5	105760.091	325.208	1.5	1.5	93.	928.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	11	1.362	1.322	3.041	0.176	0.884	0.94	0.176	0.176	1.968	2.909
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			20.992								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.433	2.25	0.	0.726	0.852	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.251	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	7	23.	25.357	43.	1.5	313.893	17.717	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	7	1.362	1.224	1.633	0.176	0.283	0.532	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.753								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	7	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	7	0.98	1.297	2.4	0.54	0.615	0.784	**	**	**	**

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

Annual Analysis for 1973 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	11	9.	18.909	43.	4.	261.291	16.164	4.6	9.	43.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	11	0.954	1.135	1.633	0.602	0.133	0.364	0.651	0.954	1.633	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.633								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.156	1.	0.	0.104	0.323	0.	0.	0.2	0.904
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.09	0.61	2.58	0.	0.918	0.958	0.	0.	1.28	2.504

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

Annual Analysis for 1974 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	16	19.	47.406	240.	1.5	5885.307	76.716	3.25	9.	43.	240.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	16	1.269	1.274	2.38	0.176	0.367	0.606	0.474	0.954	1.633	2.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.812								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

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

Annual Analysis for 1975 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	10.	15.458	43.	1.5	183.884	13.56	2.25	4.75	22.25	41.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	0.998	1.02	1.633	0.176	0.184	0.429	0.304	0.663	1.347	1.621
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.468								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

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

Annual Analysis for 1976 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	9	9.	63.056	460.	1.5	22290.028	149.298	1.5	5.5	31.	460.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	9	0.954	1.147	2.663	0.176	0.493	0.702	0.176	0.724	1.476	2.663
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.029								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.03	0.124	0.68	0.	0.051	0.225	0.	0.	0.18	0.68
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.56	0.489	1.4	0.	0.193	0.439	0.	0.045	0.66	1.4

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

Annual Analysis for 1977 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	13	4.	26.846	210.	1.5	3235.766	56.884	1.5	3.5	27.	143.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	13	0.602	0.913	2.322	0.176	0.393	0.627	0.176	0.54	1.337	2.047
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.177								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

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

Annual Analysis for 1978 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	9 ##	1.5	16.833	93.	1.5	998.875	31.605	1.5	1.5	23.5	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	9 ##	0.176	0.632	1.968	0.176	0.479	0.692	0.176	0.176	1.118	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.284								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

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

Annual Analysis for 1979 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	9.	69.7	460.	1.5	20115.289	141.828	1.5	2.625	93.	423.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	0.954	1.13	2.663	0.176	0.711	0.843	0.176	0.402	1.968	2.593
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.494								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

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

Annual Analysis for 1980 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.077	0.82	0.	0.061	0.246	0.	0.	0.01	0.66
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.5	0.68	1.71	0.15	0.265	0.514	0.164	0.24	0.73	1.682

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

Annual Analysis for 1981 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

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

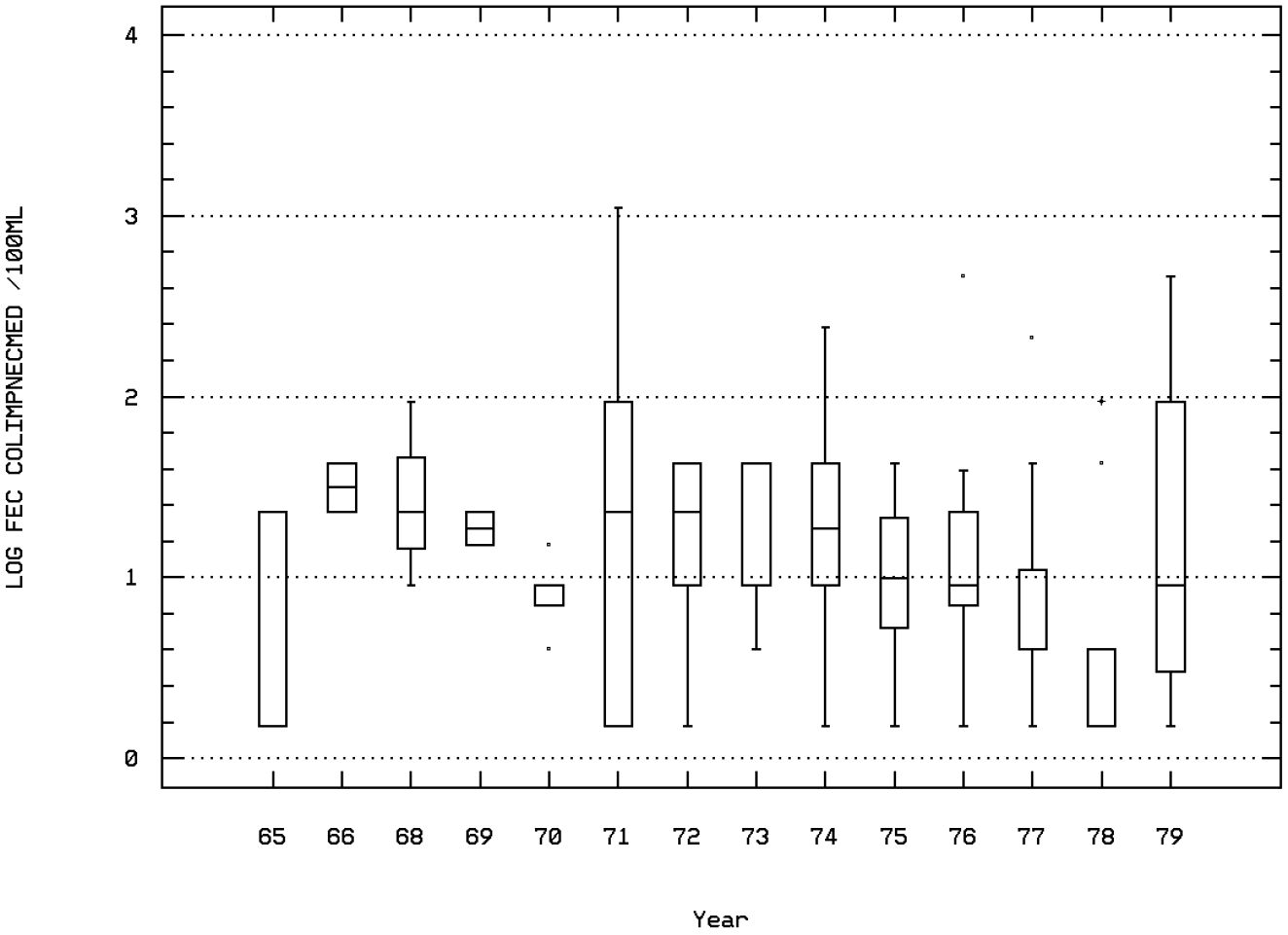
Annual Analysis for 1982 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

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

Station: ASIS0047 Parameter Code: 31615

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



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	39	9.	48.154	1100.	1.5	31176.134	176.568	1.5	4.	23.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	39	0.954	1.013	3.041	0.176	0.405	0.636	0.176	0.602	1.362	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.311								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	51	0.	0.175	2.25	0.	0.163	0.403	0.	0.	0.2	0.664
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	51	0.53	0.787	4.17	0.	0.984	0.992	0.	0.02	0.98	2.352

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

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	37	7.	34.608	460.	1.5	7040.321	83.907	1.5	2.25	31.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	37	0.845	0.945	2.663	0.176	0.454	0.674	0.176	0.327	1.476	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.813								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	41	0.	0.103	1.	0.	0.052	0.229	0.	0.	0.075	0.454
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	41	0.5	0.942	4.93	0.	1.255	1.12	0.	0.	1.5	2.756

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

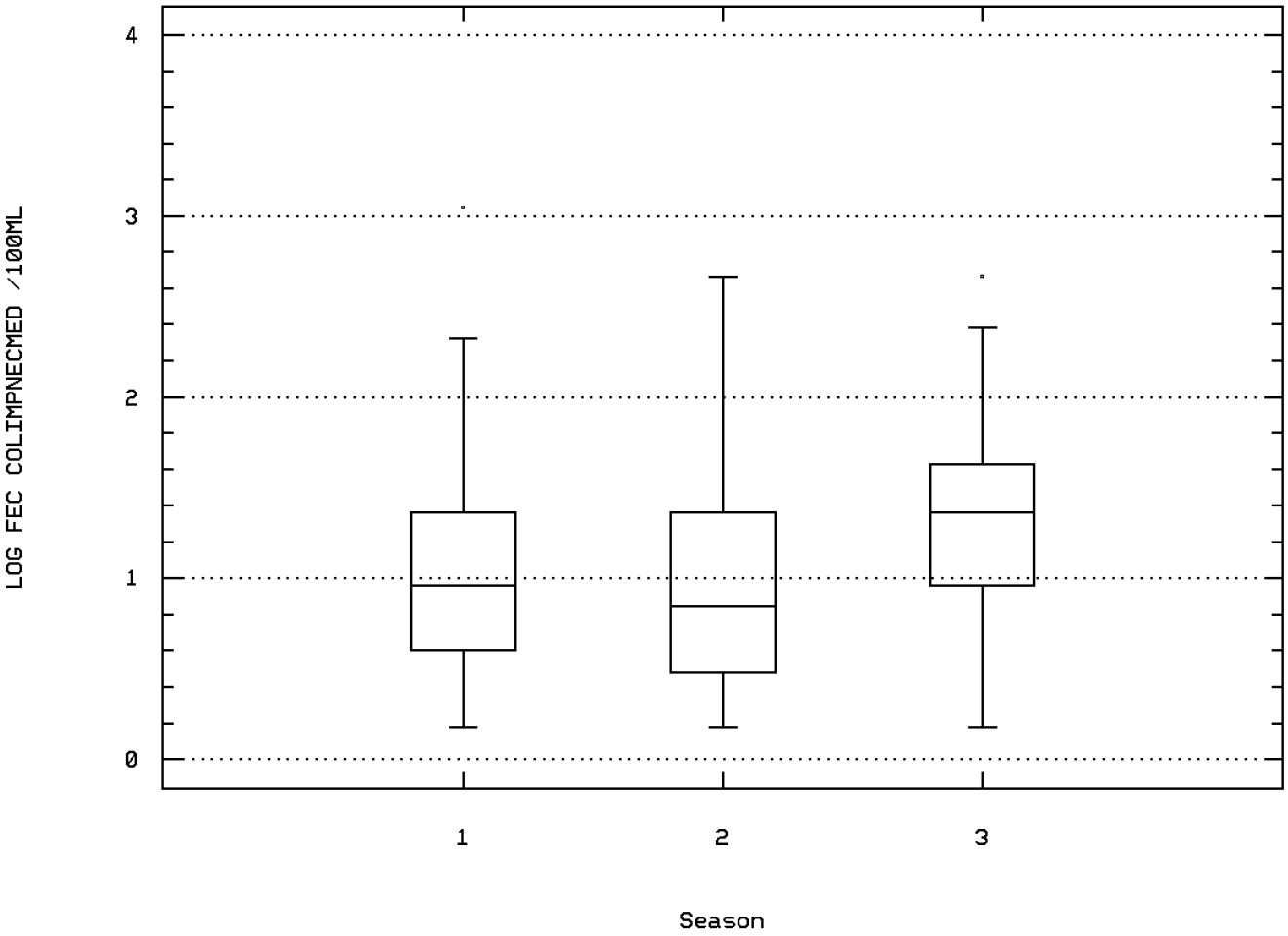
Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	38	23.	48.013	460.	1.5	7530.196	86.777	4.	9.	43.	107.7
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	38	1.362	1.325	2.663	0.176	0.287	0.536	0.602	0.954	1.633	2.01
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.113								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	48	0.	0.123	2.	0.	0.125	0.353	0.	0.	0.	0.614
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	48	0.37	0.761	5.75	0.	1.202	1.096	0.	0.	1.2	2.4

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

Station: ASIS0047 Parameter Code: 31615

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



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Station Inventory for Station: ASIS0048

NPS Station ID: ASIS0048 LAT/LON: 37.918615/ -75.366948 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10147.5H
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 15.140 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142902.60 RF3 Mile Point: 5.53 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	94	4.	14.686	240.	1.5	1372.624	37.049	1.5	1.5	9.	33.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	94	0.602	0.694	2.38	0.176	0.307	0.554	0.176	0.176	0.954	1.498
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.946								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	09/11/78-10/05/81	15	3.	5.073	23.	1.5	32.981	5.743	1.5	1.5	9.1	14.66
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	09/11/78-10/05/81	15	0.477	0.528	1.362	0.176	0.143	0.378	0.176	0.176	0.959	1.12
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.372								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	105	0.	0.12	2.25	0.	0.126	0.355	0.	0.	0.	0.48
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	105	0.5	0.827	5.75	0.	1.084	1.041	0.	0.025	1.19	2.382

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

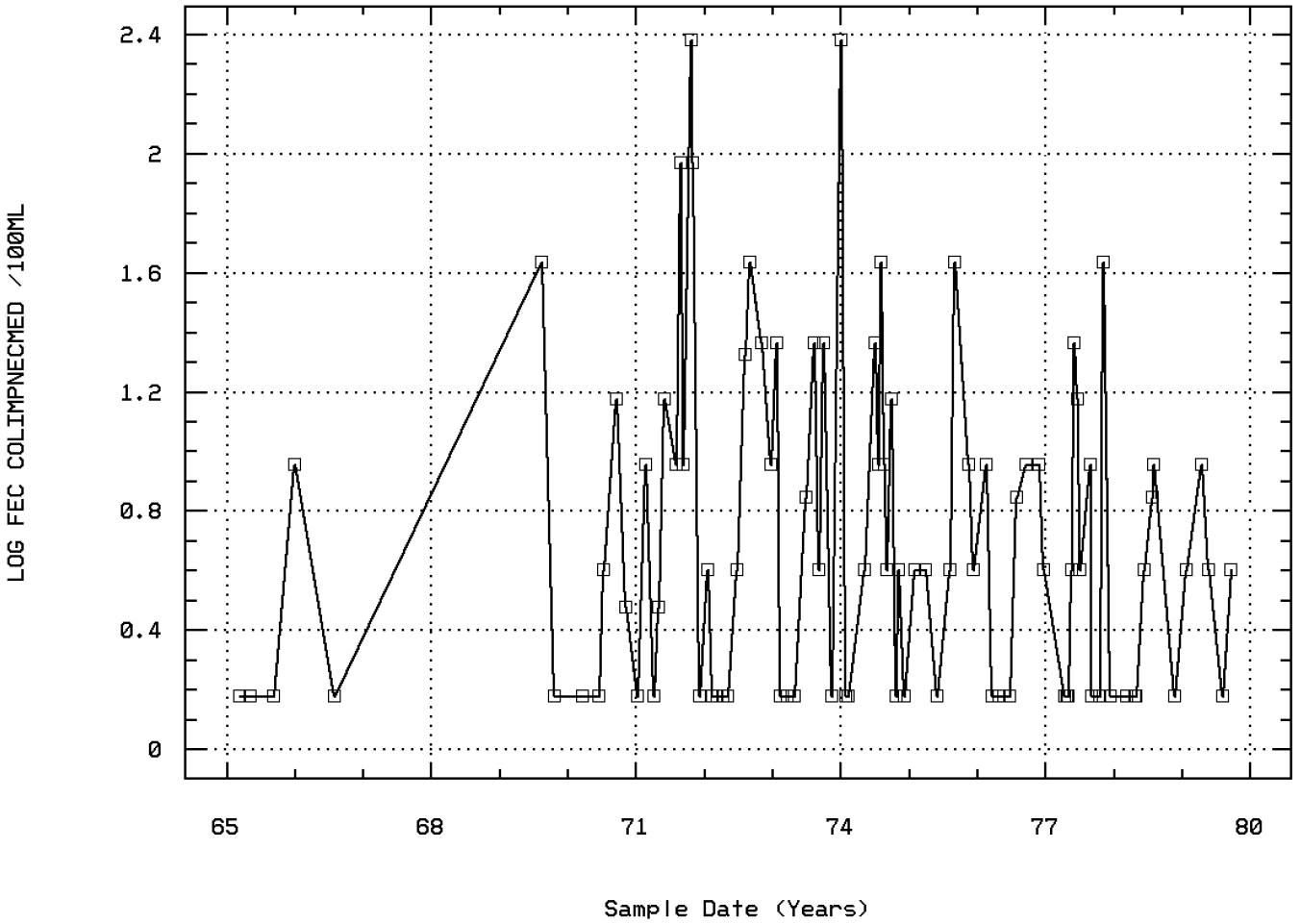
EPA Water Quality Criteria Analysis for Station: ASIS0048

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	94	2	0.02	34	2	0.06	29	0	0.00	31	0	0.00			

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

Station: ASIS0048 Parameter Code: 31615

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



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Annual Analysis for 1965 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	3 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								

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

Annual Analysis for 1966 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2 ##	5.25	5.25	9.	1.5	28.125	5.303	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2 ##	0.565	0.565	0.954	0.176	0.303	0.55	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.674								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

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

Annual Analysis for 1969 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2 ##	22.25	22.25	43.	1.5	861.125	29.345	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2 ##	0.905	0.905	1.633	0.176	1.062	1.031	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.031								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	5	3.	5.	15.	1.5	32.375	5.69	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	5	0.477	0.521	1.176	0.176	0.169	0.411	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.323								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

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

Annual Analysis for 1971 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	11	9.	43.227	240.	1.5	5482.718	74.045	1.5	1.5	93.	210.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	11	0.954	1.033	2.38	0.176	0.612	0.782	0.176	0.176	1.968	2.298
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.786								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.	0.433	2.25	0.	0.726	0.852	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.4	1.455	5.75	0.	3.728	1.931	0.	0.	2.8	5.35

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

Annual Analysis for 1972 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	4.	11.	43.	1.5	192.333	13.868	1.5	1.5	21.5	41.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	0.602	0.718	1.633	0.176	0.319	0.565	0.176	0.176	1.332	1.606
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.224								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.95	1.196	3.03	0.03	0.841	0.917	0.081	0.585	1.815	2.967

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

Annual Analysis for 1973 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	9	4.	9.556	23.	1.5	104.903	10.242	1.5	1.5	23.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	9	0.602	0.693	1.362	0.176	0.305	0.552	0.176	0.176	1.362	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.931								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.	0.08	0.52	0.	0.032	0.178	0.	0.	0.1	0.52
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.09	0.459	2.2	0.	0.591	0.769	0.	0.	0.79	2.2

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

Annual Analysis for 1974 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	13	4.	27.462	240.	1.5	4218.186	64.948	1.5	1.5	19.	161.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	13	0.602	0.844	2.38	0.176	0.445	0.667	0.176	0.176	1.269	2.082
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.981								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	13	0.	0.102	0.74	0.	0.053	0.229	0.	0.	0.065	0.628
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	13	0.43	0.702	4.17	0.	1.244	1.115	0.	0.	0.85	3.014

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

Annual Analysis for 1975 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	7	4.	9.929	43.	1.5	217.702	14.755	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	7	0.602	0.739	1.633	0.176	0.206	0.454	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.481								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.	0.047	0.33	0.	0.016	0.125	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	1.11	0.861	2.11	0.	0.741	0.861	**	**	**	**

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

Annual Analysis for 1976 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	8	5.5	5.313	9.	1.5	12.71	3.565	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	8	0.724	0.605	0.954	0.176	0.139	0.373	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.025								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	8	0.025	0.136	0.68	0.	0.056	0.237	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	8	0.5	0.476	1.4	0.	0.219	0.468	**	**	**	**

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

Annual Analysis for 1977 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12 ##	2.75	8.917	43.	1.5	161.402	12.704	1.5	1.5	13.5	37.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12 ##	0.389	0.616	1.633	0.176	0.289	0.538	0.176	0.176	1.121	1.552
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.126								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.	0.115	0.79	0.	0.066	0.258	0.	0.	0.05	0.718
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.	0.558	2.37	0.	0.724	0.851	0.	0.	0.95	2.276

** - 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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	7 ##	1.5	3.714	9.	1.5	9.738	3.121	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	7 ##	0.176	0.444	0.954	0.176	0.122	0.35	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.778								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	8	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	8	0.915	1.454	3.05	0.	1.474	1.214	**	**	**	**

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

Annual Analysis for 1979 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	5	4.	4.5	9.	1.5	7.5	2.739	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	5	0.602	0.587	0.954	0.176	0.076	0.276	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.866								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.	0.284	1.28	0.	0.241	0.491	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.37	0.689	2.84	0.04	0.945	0.972	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.	0.094	0.82	0.	0.074	0.272	0.	0.	0.015	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.5	0.632	1.71	0.15	0.203	0.45	0.15	0.36	0.715	1.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.	0.083	0.25	0.	0.021	0.144	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.58	0.48	0.86	0.	0.192	0.439	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	34	4.	22.515	240.	1.5	3337.75	57.773	1.5	1.5	9.	68.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	34	0.602	0.692	2.38	0.176	0.413	0.642	0.176	0.176	0.954	1.801
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.925								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	41	0.	0.171	2.25	0.	0.189	0.434	0.	0.	0.065	0.768
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	41	0.56	0.811	4.17	0.	0.966	0.983	0.	0.05	0.98	2.346

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0048

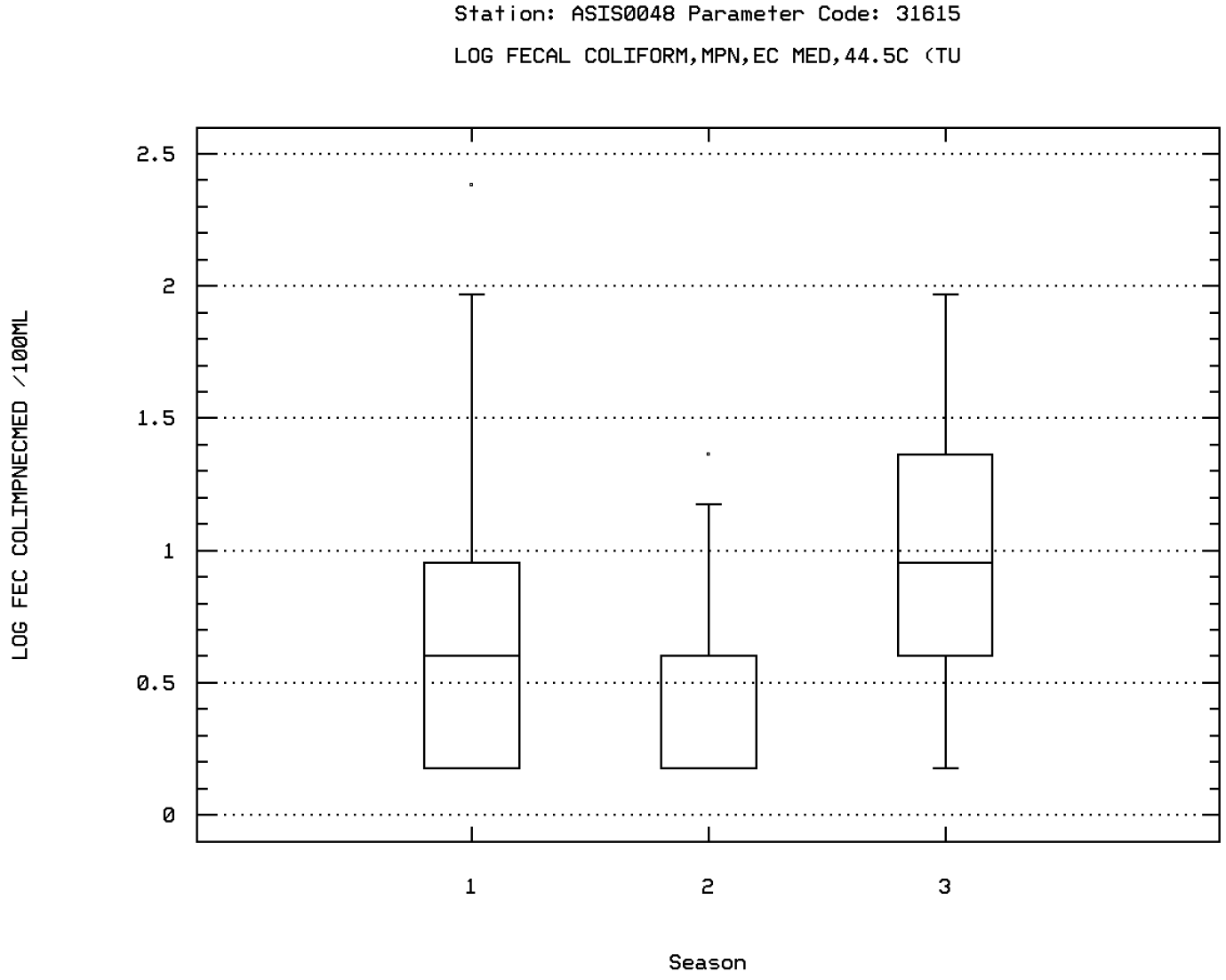
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	29 ##	1.5	4.	23.	1.5	26.482	5.146	1.5	1.5	4.	15.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	29 ##	0.176	0.411	1.362	0.176	0.128	0.358	0.176	0.176	0.602	1.176
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.578								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	29	0.	0.057	0.51	0.	0.021	0.145	0.	0.	0.	0.43
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	29	0.5	0.792	3.05	0.	0.862	0.929	0.	0.015	1.075	2.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	31	9.	16.097	93.	1.5	376.99	19.416	1.5	4.	23.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	31	0.954	0.961	1.968	0.176	0.227	0.476	0.176	0.602	1.362	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.143								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	35	0.	0.112	2.	0.	0.139	0.373	0.	0.	0.	0.552
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	35	0.43	0.874	5.75	0.	1.466	1.211	0.	0.	1.28	2.576

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0049

NPS Station ID: ASIS0049 LAT/LON: 37.918892/ -75.369171 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10147.5G
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 15.040 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010117900.00 RF3 Mile Point: 0.51 Distance from RF3: 0.09 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	99	4.	25.343	1100.	1.5	12914.769	113.643	1.5	1.5	9.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	99	0.602	0.729	3.041	0.176	0.361	0.601	0.176	0.176	0.954	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.358								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	09/11/78-10/05/81	15 ##	1.5	6.927	23.	1.5	60.194	7.758	1.5	1.5	9.1	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	09/11/78-10/05/81	15 ##	0.176	0.583	1.362	0.176	0.237	0.487	0.176	0.176	0.959	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.826								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	111	0.	0.123	2.25	0.	0.121	0.348	0.	0.	0.	0.5
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	111	0.5	0.84	5.75	0.	1.09	1.044	0.	0.	1.2	2.352

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

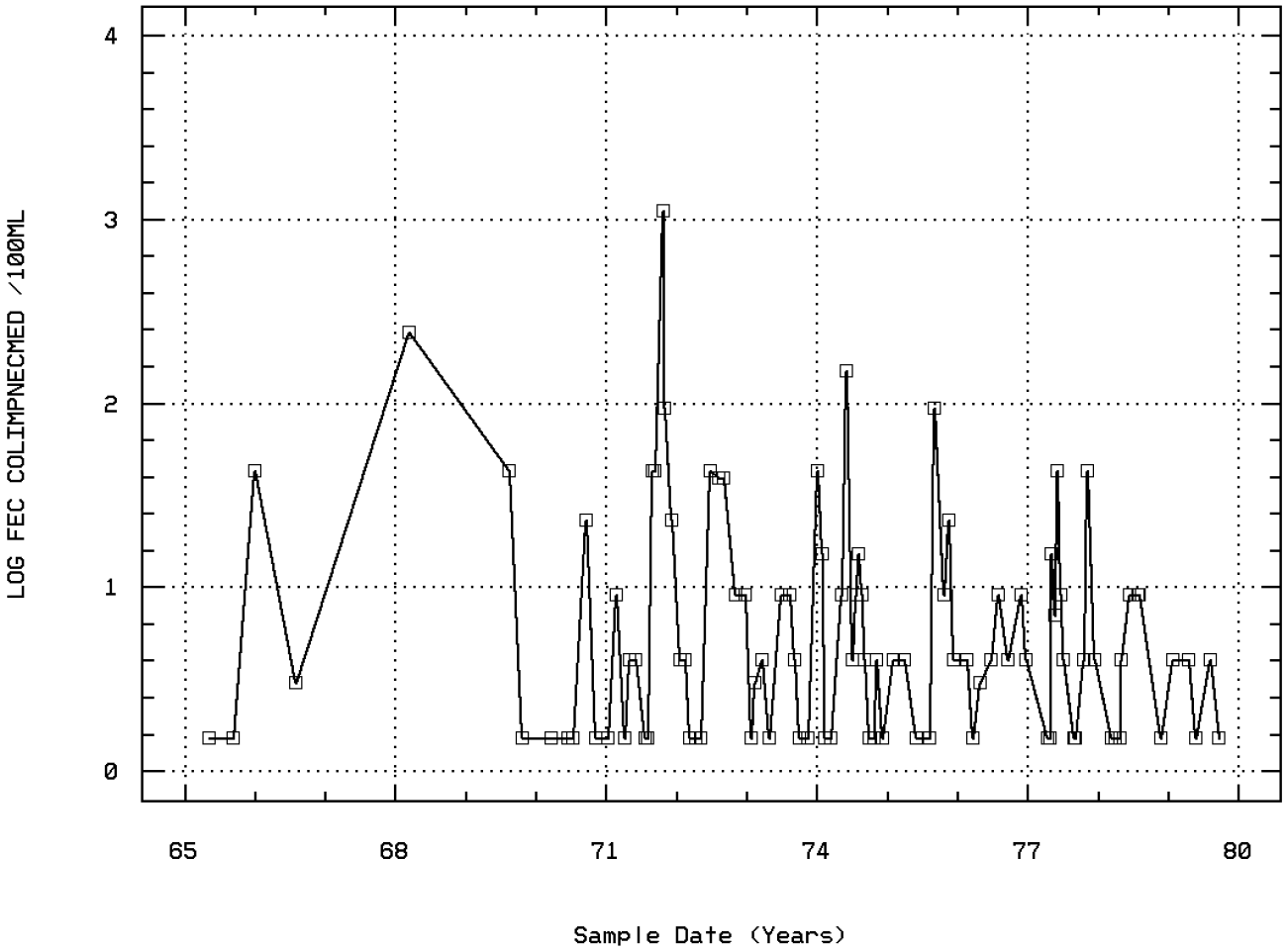
EPA Water Quality Criteria Analysis for Station: ASIS0049

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	99	2	0.02	37	2	0.05	30	0	0.00	32	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: ASIS0049 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Annual Analysis for 1965 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	23.	23.	43.	3.	800.	28.284	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2	1.055	1.055	1.633	0.477	0.669	0.818	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.358								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	1	240.	240.	240.	240.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	1	2.38	2.38	2.38	2.38	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			240.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	22.25	22.25	43.	1.5	861.125	29.345	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	2 ##	0.905	0.905	1.633	0.176	1.062	1.031	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.031								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5 ##	1.5	5.8	23.	1.5	92.45	9.615	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5 ##	0.176	0.413	1.362	0.176	0.281	0.53	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.59								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	6.5	110.417	1100.	1.5	97881.447	312.86	1.5	1.5	43.	797.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.778	1.042	3.041	0.176	0.823	0.907	0.176	0.176	1.633	2.72
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.01								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.	0.397	2.25	0.	0.676	0.822	0.	0.	0.383	2.175
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.355	1.334	5.75	0.	3.566	1.888	0.	0.	2.663	5.15

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	6.5	15.15	43.	1.5	310.725	17.627	1.5	1.5	39.	42.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	10	0.778	0.846	1.633	0.176	0.358	0.598	0.176	0.176	1.591	1.629
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.009								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.95	1.196	3.03	0.03	0.841	0.917	0.081	0.585	1.815	2.967

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	3.	3.889	9.	1.5	9.486	3.08	1.5	1.5	6.5	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	9	0.477	0.477	0.954	0.176	0.106	0.326	0.176	0.176	0.778	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.	0.08	0.52	0.	0.032	0.178	0.	0.	0.1	0.52
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.09	0.459	2.2	0.	0.591	0.769	0.	0.	0.79	2.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	15	4.	17.967	150.	1.5	1447.088	38.041	1.5	1.5	15.	85.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	15	0.602	0.781	2.176	0.176	0.357	0.598	0.176	0.176	1.176	1.851
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.036								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	0.	0.105	0.74	0.	0.047	0.218	0.	0.	0.08	0.572
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	15	0.43	0.741	4.17	0.	1.22	1.105	0.	0.	0.98	2.868

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	8	4.	17.5	93.	1.5	980.214	31.308	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	8	0.602	0.805	1.968	0.176	0.372	0.61	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.388								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	8	0.	0.081	0.33	0.	0.023	0.15	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	8	1.145	1.039	2.28	0.	0.886	0.941	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	8	4.	4.813	9.	1.5	7.424	2.725	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	8	0.602	0.621	0.954	0.176	0.063	0.251	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.181								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	8	0.025	0.136	0.68	0.	0.056	0.237	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	8	0.5	0.476	1.4	0.	0.219	0.468	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	4.	11.25	43.	1.5	235.568	15.348	1.5	1.5	13.5	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	12	0.602	0.729	1.633	0.176	0.288	0.537	0.176	0.176	1.121	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.363								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.	0.115	0.79	0.	0.066	0.258	0.	0.	0.05	0.718
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	11	0.	0.558	2.37	0.	0.724	0.851	0.	0.	0.95	2.276

** - 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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	8 ##	2.75	4.625	9.	1.5	13.839	3.72	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	8 ##	0.389	0.521	0.954	0.176	0.149	0.386	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.32								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	4.	3.	4.	1.5	1.875	1.369	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	5	0.602	0.432	0.602	0.176	0.054	0.233	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.702								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.	0.284	1.28	0.	0.241	0.491	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.37	0.689	2.84	0.04	0.945	0.972	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.	0.094	0.82	0.	0.074	0.272	0.	0.	0.015	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.5	0.632	1.71	0.15	0.203	0.45	0.15	0.36	0.715	1.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.	0.083	0.25	0.	0.021	0.144	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.58	0.48	0.86	0.	0.192	0.439	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37	4.	46.73	1100.	1.5	33413.453	182.793	1.5	1.5	12.	53.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	37	0.602	0.799	3.041	0.176	0.473	0.688	0.176	0.176	1.065	1.7
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.299								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	44	0.	0.178	2.25	0.	0.18	0.424	0.	0.	0.17	0.735
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	44	0.55	0.808	4.17	0.	0.98	0.99	0.	0.023	0.98	2.325

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	30	3.5	11.233	150.	1.5	795.926	28.212	1.5	1.5	7.5	40.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	30	0.54	0.583	2.176	0.176	0.273	0.522	0.176	0.176	0.872	1.588
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.826								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	31	0.	0.062	0.51	0.	0.021	0.144	0.	0.	0.	0.394
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	31	0.5	0.874	3.05	0.	0.906	0.952	0.	0.03	1.6	2.68

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

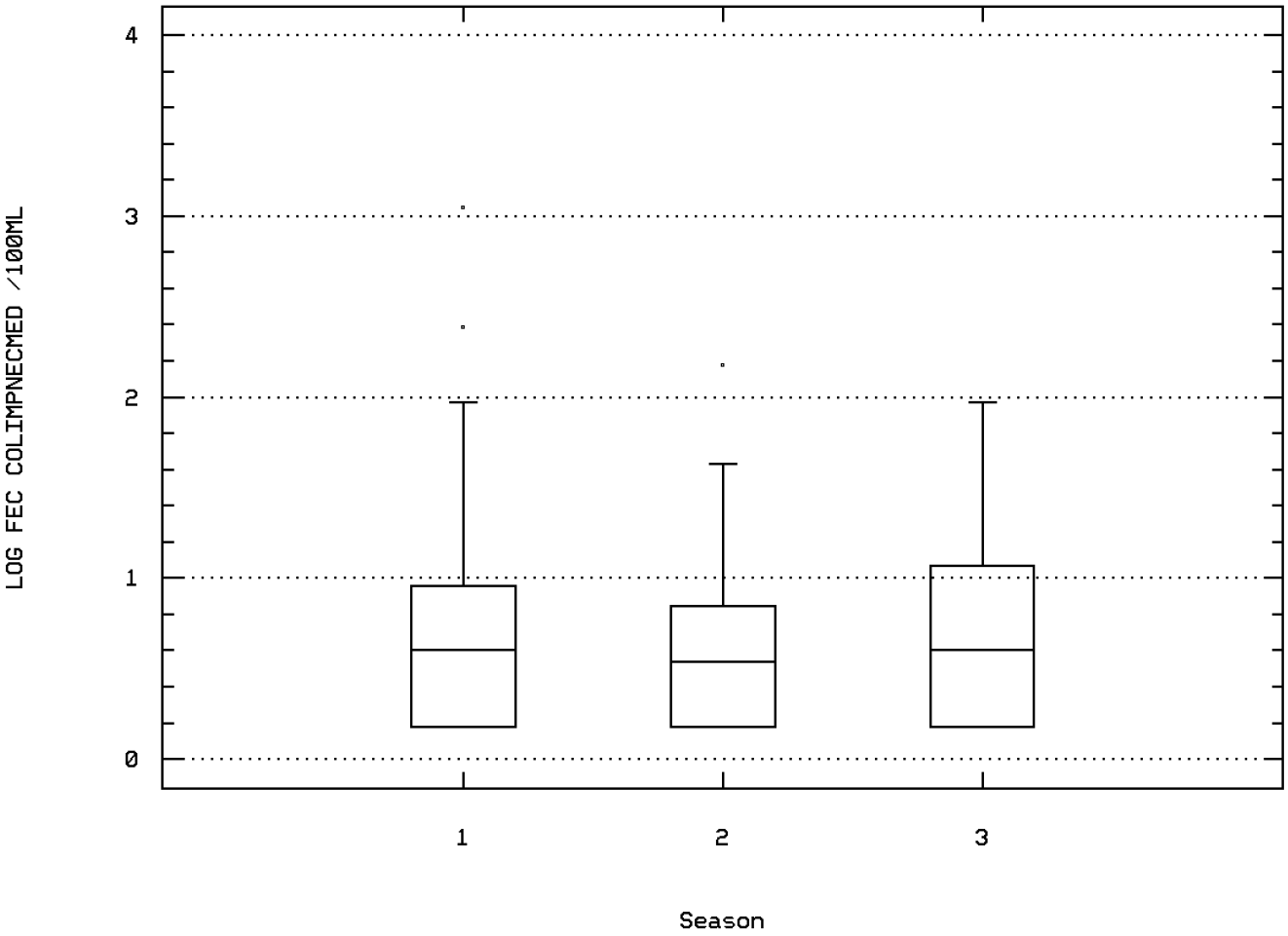
Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	32	4.	13.844	93.	1.5	404.959	20.124	1.5	1.5	13.5	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/11/65-09/19/79	32	0.602	0.785	1.968	0.176	0.308	0.555	0.176	0.176	1.121	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.095								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	36	0.	0.109	2.	0.	0.136	0.369	0.	0.	0.	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	36	0.415	0.85	5.75	0.	1.445	1.202	0.	0.	1.28	2.532

** - 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 box-and-whisker plot

Station: ASIS0049 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0050

NPS Station ID: ASIS0050 LAT/LON: 37.920004/ -75.368892 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10147.5D
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 15.040 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142902.60 RF3 Mile Point: 5.80 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	08/13/68-08/13/68	1	32.3	32.3	32.3	32.3	0.	0.	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	83	9.	57.542	1100.	1.5	30894.41	175.768	1.5	4.	43.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	83	0.954	1.114	3.041	0.176	0.465	0.682	0.176	0.602	1.633	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.012								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	10	3.6	10.85	43.	1.5	288.036	16.972	1.5	1.5	13.45	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	10	0.556	0.658	1.633	0.176	0.295	0.543	0.176	0.176	0.826	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			4.546								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/05/81	13	50.	125.	550.	5.	25658.333	160.182	7.	35.	200.	454.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/05/81	13	1.699	1.784	2.74	0.699	0.329	0.574	0.819	1.54	2.263	2.641
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			60.765								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	05/01/73-06/22/76	10	9.5	13.	39.	1.5	154.611	12.434	1.5	3.375	23.	37.4
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	05/01/73-06/22/76	10	0.889	0.883	1.591	0.176	0.263	0.513	0.176	0.496	1.362	1.568
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			7.63								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	90	0.	0.131	2.25	0.	0.143	0.378	0.	0.	0.	0.519
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	90	0.535	0.901	5.75	0.	1.178	1.085	0.	0.015	1.28	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

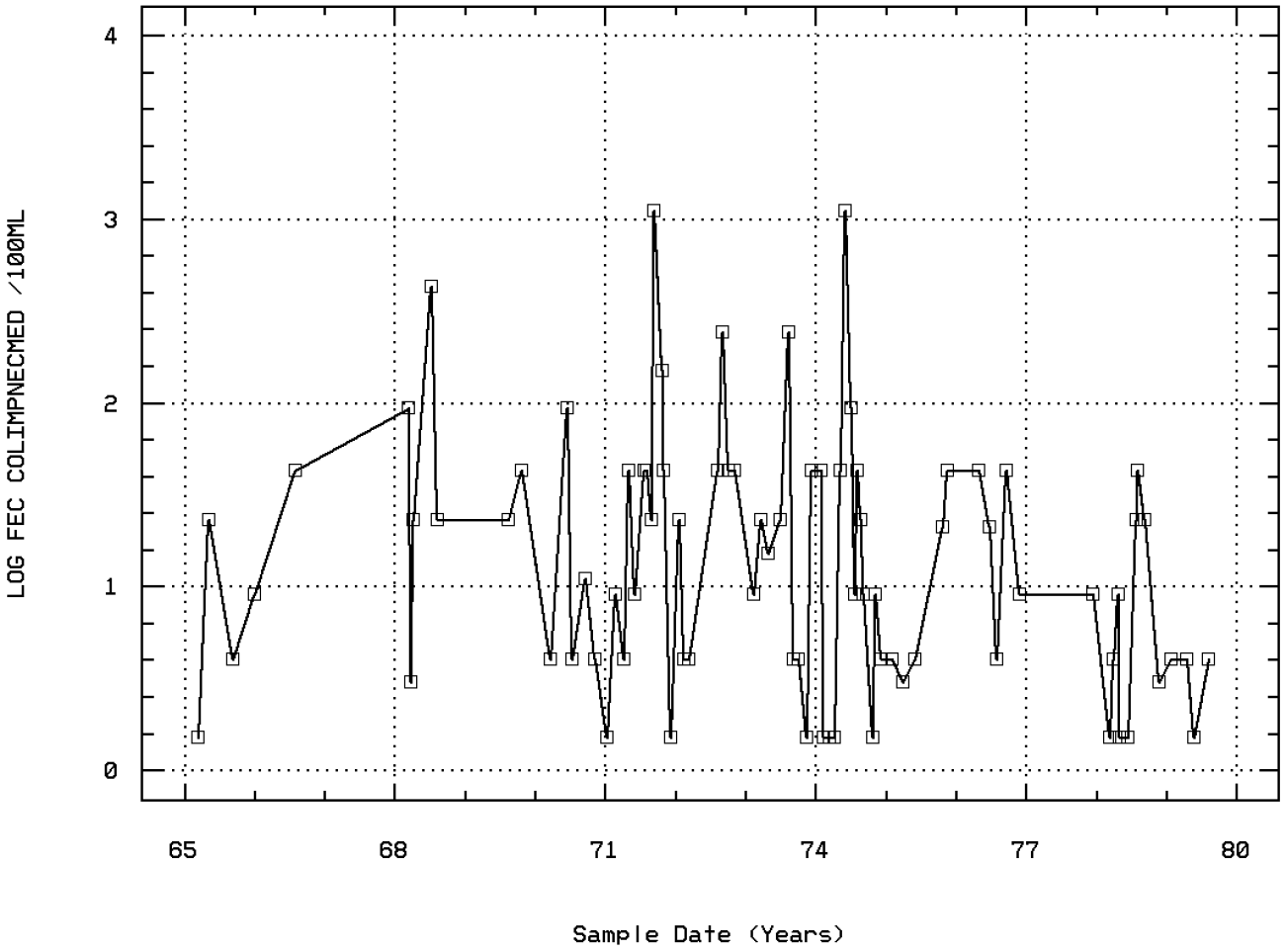
EPA Water Quality Criteria Analysis for Station: ASIS0050

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	83	5	0.06	30	0	0.00	24	1	0.04	29	4	0.14			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: ASIS0050 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Annual Analysis for 1965 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	3	4.	9.5	23.	1.5	138.25	11.758	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	3	0.602	0.713	1.362	0.176	0.361	0.601	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.168								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	2	26.	26.	43.	9.	578.	24.042	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	2	1.294	1.294	1.633	0.954	0.231	0.48	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.672								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	23.	114.4	430.	3.	32294.8	179.708	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	1.362	1.561	2.633	0.477	0.643	0.802	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			36.35								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.104	0.52	0.	0.054	0.233	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.5	0.458	1.02	0.	0.158	0.397	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	2	33.	33.	43.	23.	200.	14.142	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	2	1.498	1.498	1.633	1.362	0.037	0.192	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			31.448								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	4.	23.2	93.	4.	1531.7	39.137	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	0.602	0.963	1.968	0.602	0.352	0.593	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.188								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	12	33.	122.5	1100.	1.5	96412.045	310.503	1.5	5.25	43.	815.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	12	1.498	1.331	3.041	0.176	0.681	0.825	0.176	0.69	1.633	2.782
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.445								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.	0.397	2.25	0.	0.676	0.822	0.	0.	0.383	2.175
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.355	1.334	5.75	0.	3.566	1.888	0.	0.	2.663	5.15

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	7	43.	57.143	240.	4.	6808.476	82.513	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	7	1.633	1.407	2.38	0.602	0.4	0.632	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.506								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.98	1.297	2.4	0.54	0.615	0.784	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	9	15.	40.278	240.	1.5	5780.819	76.032	1.5	4.	33.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	9	1.176	1.139	2.38	0.176	0.428	0.654	0.176	0.602	1.498	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.76								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.	0.058	0.52	0.	0.03	0.173	0.	0.	0.	0.52
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.06	0.449	2.2	0.	0.6	0.774	0.	0.	0.79	2.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14	9.	98.714	1100.	1.5	83736.143	289.372	1.5	1.5	43.	596.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14	0.954	1.103	3.041	0.176	0.706	0.84	0.176	0.176	1.633	2.505
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.675								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	14	0.	0.113	0.74	0.	0.05	0.224	0.	0.	0.123	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	14	0.44	0.885	4.17	0.	1.326	1.152	0.	0.	1.403	3.085

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	4.	15.	43.	3.	301.5	17.364	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	0.602	0.927	1.633	0.477	0.267	0.517	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.46								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.064	0.32	0.	0.02	0.143	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	1.11	0.998	2.28	0.	1.003	1.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	21.	24.	43.	4.	339.	18.412	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	1.322	1.229	1.633	0.602	0.201	0.448	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.947								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.05	0.166	0.68	0.	0.084	0.29	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.63	0.548	1.4	0.	0.333	0.577	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	1	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	1	0.22	0.22	0.22	0.22	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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	9	4.	12.167	43.	1.5	210.938	14.524	1.5	1.5	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	9	0.602	0.769	1.633	0.176	0.331	0.576	0.176	0.176	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.871								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	4	4.	3.375	4.	1.5	1.563	1.25	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	4	0.602	0.496	0.602	0.176	0.045	0.213	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.13								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	4	0.055	0.348	1.28	0.	0.389	0.624	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	4	0.51	1.028	2.84	0.25	1.488	1.22	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.	0.119	0.82	0.	0.096	0.309	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.48	0.571	1.71	0.15	0.29	0.538	**	**	**	**

** - 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 box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.	0.083	0.25	0.	0.021	0.144	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.58	0.48	0.86	0.	0.192	0.439	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	30	9.	21.217	150.	1.5	1045.357	32.332	1.5	2.625	43.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	30	0.954	0.923	2.176	0.176	0.371	0.609	0.176	0.402	1.633	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.367								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	35	0.	0.2	2.25	0.	0.221	0.47	0.	0.	0.08	0.802
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	35	0.54	0.804	4.17	0.	1.094	1.046	0.	0.	0.98	2.368

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0050

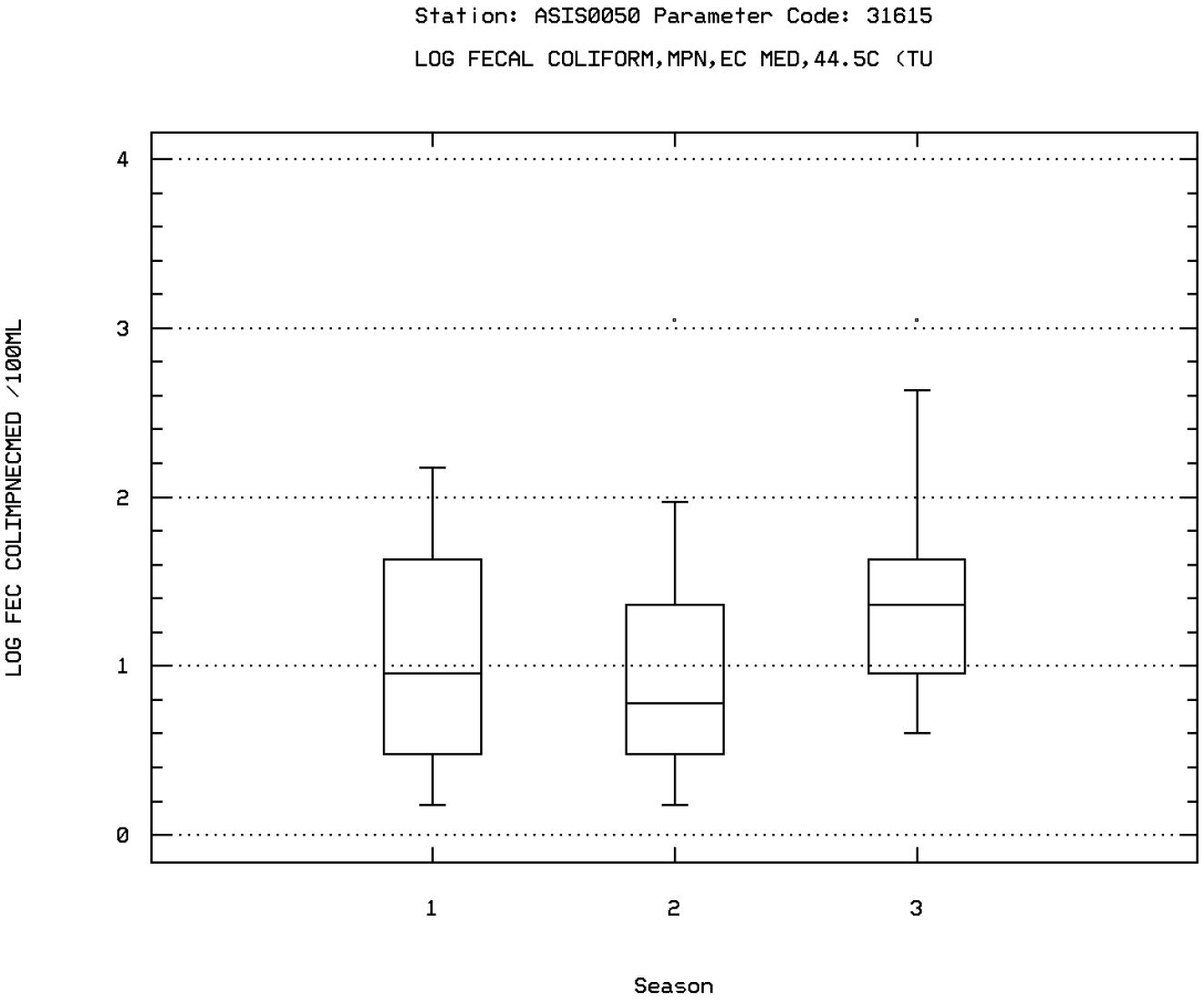
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	24	6.5	61.604	1100.	1.5	49375.587	222.206	1.5	3.	23.	68.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	24	0.778	0.969	3.041	0.176	0.502	0.709	0.176	0.477	1.362	1.801
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.303								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	23	0.	0.064	0.51	0.	0.021	0.145	0.	0.	0.05	0.376
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	23	0.5	0.938	3.05	0.	0.905	0.951	0.	0.25	1.77	2.56

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	29	23.	91.759	1100.	4.	46194.761	214.93	4.	9.	43.	240.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	29	1.362	1.433	3.041	0.602	0.401	0.633	0.602	0.954	1.633	2.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			27.121								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	32	0.	0.104	2.	0.	0.144	0.38	0.	0.	0.	0.379
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	32	0.54	0.98	5.75	0.	1.522	1.234	0.	0.082	1.37	2.708

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0051

NPS Station ID: ASIS0051 LAT/LON: 37.920559/ -75.347781 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10143A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 20.450 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010023900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.08 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/69-10/20/69	1	15.4	15.4	15.4	15.4	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	10/20/69-10/20/69	1	33.8	33.8	33.8	33.8	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	105	4.	19.905	1100.	1.5	11520.981	107.336	1.5	1.5	9.	29.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	105	0.602	0.702	3.041	0.176	0.282	0.531	0.176	0.176	0.954	1.453
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.039								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30	3.3	5.523	23.	1.5	42.768	6.54	1.5	1.5	7.675	20.4
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30	0.517	0.526	1.362	0.176	0.167	0.409	0.176	0.176	0.883	1.308
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.361								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	133	0.	0.159	2.25	0.	0.14	0.374	0.	0.	0.065	0.648
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	133	0.5	0.86	5.75	0.	1.213	1.101	0.	0.01	1.19	2.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0051

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	105	1	0.01	37	1	0.03	35	0	0.00	33	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1969 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	2 ##	12.25	12.25	23.	1.5	231.125	15.203	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	2 ##	0.769	0.769	1.362	0.176	0.703	0.838	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.874								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3 ##	1.5	8.667	23.	1.5	154.083	12.413	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3 ##	0.176	0.571	1.362	0.176	0.469	0.685	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.727								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.4	1.2	0.	0.48	0.693	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.177	0.53	0.	0.094	0.306	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	9.	134.167	1100.	1.5	131342.688	362.412	1.5	1.5	31.	1100.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.954	1.088	3.041	0.176	0.844	0.919	0.176	0.176	1.476	3.041
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.248								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.529	2.25	0.	0.851	0.922	0.	0.	1.255	2.25
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.47	1.744	5.75	0.	4.137	2.034	0.	0.14	3.275	5.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	6.5	10.6	43.	1.5	154.433	12.427	1.5	3.375	15.	40.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.778	0.805	1.633	0.176	0.213	0.462	0.176	0.496	1.176	1.588
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.386								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	1.09	1.376	3.03	0.03	0.927	0.963	0.081	0.615	2.4	2.967

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	4.	10.5	43.	1.5	160.7	12.677	1.5	1.5	15.	39.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	0.602	0.765	1.633	0.176	0.247	0.497	0.176	0.176	1.176	1.579
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.82								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.156	1.	0.	0.104	0.323	0.	0.	0.2	0.904
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.09	0.61	2.58	0.	0.918	0.958	0.	0.	1.28	2.504

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	4.	6.125	43.	1.5	102.417	10.12	1.5	1.5	4.	19.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	0.602	0.551	1.633	0.176	0.157	0.397	0.176	0.176	0.602	1.158
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.555								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	4.	8.5	43.	1.5	152.909	12.366	1.5	1.5	7.	37.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.602	0.65	1.633	0.176	0.223	0.473	0.176	0.176	0.845	1.552
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.465								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	4.	10.1	43.	1.5	172.933	13.15	1.5	3.375	12.5	41.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.602	0.755	1.633	0.176	0.217	0.466	0.176	0.496	1.056	1.606
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.695								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	4.	10.769	43.	1.5	214.276	14.638	1.5	1.5	9.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	0.602	0.738	1.633	0.176	0.259	0.509	0.176	0.176	0.954	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.471								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	4.	13.333	93.	1.5	898.375	29.973	1.5	1.5	6.5	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.602	0.604	1.968	0.176	0.34	0.583	0.176	0.176	0.778	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.015								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	2.75	4.95	15.	1.5	29.358	5.418	1.5	1.5	6.75	15.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.389	0.504	1.176	0.176	0.163	0.404	0.176	0.176	0.746	1.176
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.191								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

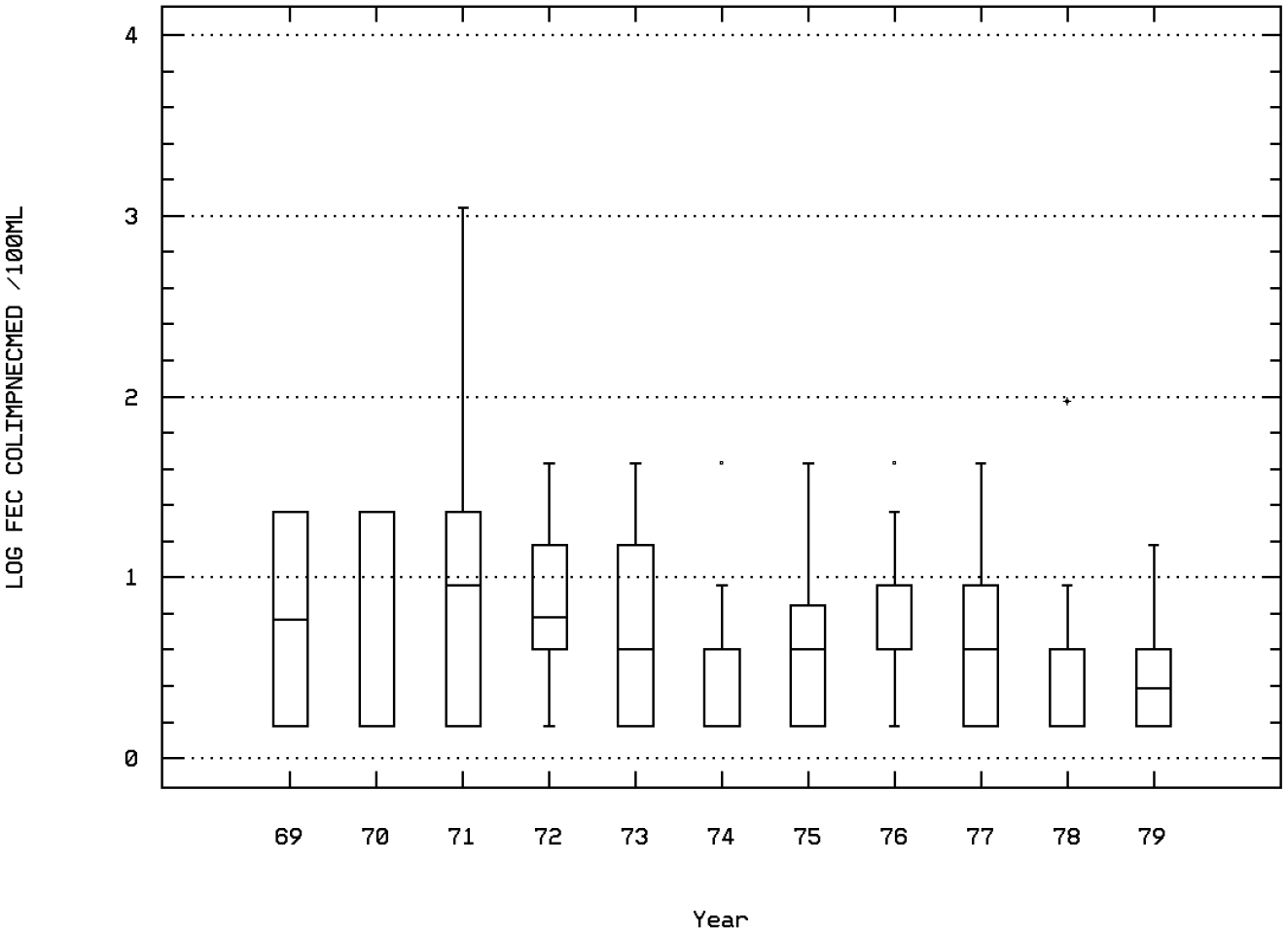
Annual Analysis for 1982 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0051 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	37	4.	38.851	1100.	1.5	32251.206	179.586	1.5	2.75	15.	26.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	37	0.602	0.811	3.041	0.176	0.336	0.58	0.176	0.389	1.176	1.408
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.476								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	48	0.	0.176	2.25	0.	0.169	0.411	0.	0.	0.17	0.691
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	48	0.55	0.844	4.17	0.	1.045	1.022	0.	0.04	0.98	2.383

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	35	4.	5.843	43.	1.5	95.129	9.753	1.5	1.5	4.	11.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	35	0.602	0.508	1.633	0.176	0.166	0.408	0.176	0.176	0.602	1.043
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.218								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	41	0.	0.136	1.35	0.	0.09	0.3	0.	0.	0.105	0.5
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	41	0.6	1.011	4.93	0.	1.37	1.17	0.	0.	1.695	2.984

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	4.	13.576	93.	1.5	386.861	19.669	1.5	1.5	19.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	0.602	0.787	1.968	0.176	0.299	0.546	0.176	0.176	1.269	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.118								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	44	0.	0.161	2.	0.	0.16	0.4	0.	0.	0.008	0.77
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	44	0.305	0.736	5.75	0.	1.269	1.127	0.	0.	1.195	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0052

NPS Station ID: ASIS0052 LAT/LON: 37.921670/ -75.366115 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10147.5E
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 16.240 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.01 RF3 Mile Point: 0.04 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	82	9.	37.122	1100.	1.5	15220.682	123.372	1.5	4.	39.	87.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	82	0.954	1.051	3.041	0.176	0.387	0.622	0.176	0.602	1.591	1.94
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.247								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	9	3.6	9.367	43.	1.5	166.368	12.898	1.5	3.6	9.1	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	9	0.556	0.757	1.633	0.176	0.17	0.412	0.176	0.556	0.959	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.711								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/05/81	13	40.	84.231	410.	5.	14524.359	120.517	7.	15.	90.	354.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/05/81	13	1.602	1.593	2.613	0.699	0.31	0.557	0.819	1.151	1.943	2.54
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			39.173								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	05/01/73-06/22/76	10	9.	63.4	460.	4.	20125.822	141.866	4.3	7.	40.5	423.3
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	05/01/73-06/22/76	10	0.954	1.221	2.663	0.602	0.401	0.633	0.626	0.845	1.513	2.593
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			16.653								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	88	0.	0.134	2.25	0.	0.146	0.382	0.	0.	0.	0.52
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	88	0.535	0.912	5.75	0.	1.199	1.095	0.	0.005	1.28	2.41

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

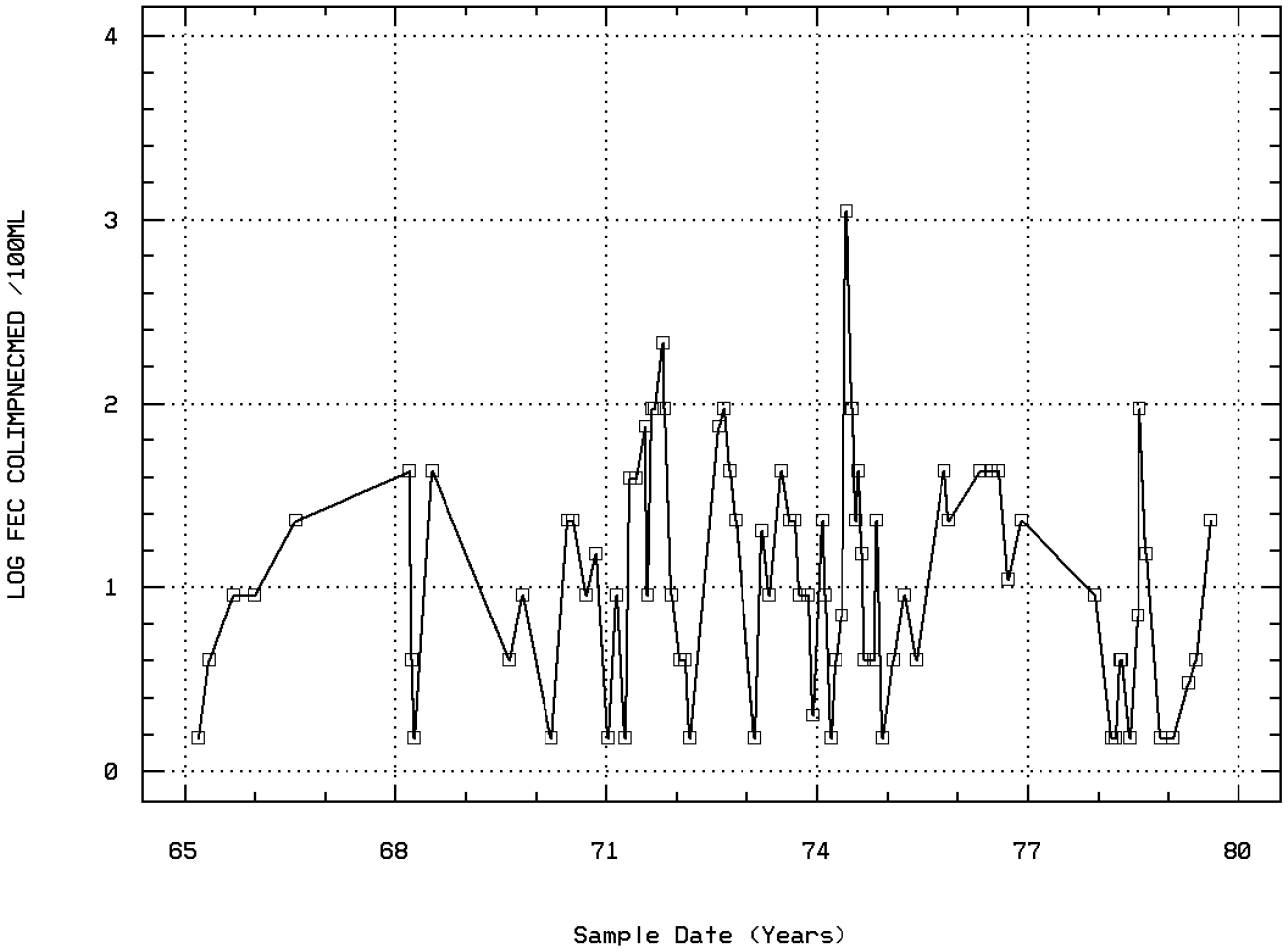
EPA Water Quality Criteria Analysis for Station: ASIS0052

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	82	2	0.02	30	1	0.03	24	1	0.04	28	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: ASIS0052 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Annual Analysis for 1965 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	3	4.	4.833	9.	1.5	14.583	3.819	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	3	0.602	0.577	0.954	0.176	0.152	0.39	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.78								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	2	16.	16.	23.	9.	98.	9.899	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	2	1.158	1.158	1.362	0.954	0.083	0.288	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.387								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	4	23.5	22.875	43.	1.5	541.063	23.261	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	4	1.118	1.011	1.633	0.176	0.546	0.739	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.263								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	4	0.	0.13	0.52	0.	0.068	0.26	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	4	0.335	0.423	1.02	0.	0.202	0.449	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	2	0.778	0.778	0.954	0.602	0.062	0.249	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	15.	14.3	23.	1.5	85.95	9.271	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	1.176	1.006	1.362	0.176	0.243	0.493	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.139								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	12	39.	56.	210.	1.5	3757.227	61.296	1.5	9.	93.	174.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	12	1.591	1.375	2.322	0.176	0.518	0.72	0.176	0.954	1.968	2.216
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.713								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.	0.397	2.25	0.	0.676	0.822	0.	0.	0.383	2.175
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.355	1.334	5.75	0.	3.566	1.888	0.	0.	2.663	5.15

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	7	23.	34.786	93.	1.5	1369.321	37.004	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	7	1.362	1.174	1.968	0.176	0.503	0.709	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.933								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.98	1.297	2.4	0.54	0.615	0.784	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	9	9.	15.5	43.	1.5	174.25	13.2	1.5	5.5	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	9	0.954	1.	1.633	0.176	0.241	0.491	0.176	0.628	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.994								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.	0.058	0.52	0.	0.03	0.173	0.	0.	0.	0.52
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.06	0.449	2.2	0.	0.6	0.774	0.	0.	0.79	2.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14	12.	96.5	1100.	1.5	84009.308	289.844	1.5	4.	28.	596.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14	1.065	1.133	3.041	0.176	0.58	0.762	0.176	0.602	1.43	2.505
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.584								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	14	0.	0.113	0.74	0.	0.05	0.224	0.	0.	0.123	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	14	0.44	0.885	4.17	0.	1.326	1.152	0.	0.	1.403	3.085

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	9.	16.6	43.	4.	278.3	16.682	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	0.954	1.031	1.633	0.602	0.212	0.46	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.733								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.064	0.32	0.	0.02	0.143	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	1.11	0.998	2.28	0.	1.003	1.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	43.	32.6	43.	11.	220.8	14.859	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	1.633	1.461	1.633	1.041	0.069	0.262	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.887								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.05	0.166	0.68	0.	0.084	0.29	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.63	0.548	1.4	0.	0.333	0.577	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	1	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	1	0.22	0.22	0.22	0.22	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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	9	4.	14.333	93.	1.5	889.375	29.822	1.5	1.5	11.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	9	0.602	0.655	1.968	0.176	0.369	0.608	0.176	0.176	1.011	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.522								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	4	3.5	7.875	23.	1.5	102.729	10.136	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	4	0.54	0.654	1.362	0.176	0.254	0.504	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.511								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	4	0.055	0.348	1.28	0.	0.389	0.624	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	4	0.51	1.028	2.84	0.25	1.488	1.22	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	6	0.	0.138	0.82	0.	0.112	0.334	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	6	0.49	0.63	1.71	0.15	0.319	0.564	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.	0.083	0.25	0.	0.021	0.144	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.58	0.48	0.86	0.	0.192	0.439	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	30	9.	20.4	210.	1.5	1637.421	40.465	1.5	1.5	23.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	30	0.954	0.878	2.322	0.176	0.355	0.596	0.176	0.176	1.362	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.551								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	35	0.	0.2	2.25	0.	0.221	0.47	0.	0.	0.08	0.802
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	35	0.54	0.804	4.17	0.	1.094	1.046	0.	0.	0.98	2.368

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	24	4.	57.167	1100.	1.5	49547.036	222.592	1.5	1.875	22.25	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	24	0.602	0.861	3.041	0.176	0.474	0.689	0.176	0.251	1.347	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.255								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	23	0.	0.064	0.51	0.	0.021	0.145	0.	0.	0.05	0.376
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	23	0.5	0.938	3.05	0.	0.905	0.951	0.	0.25	1.77	2.56

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

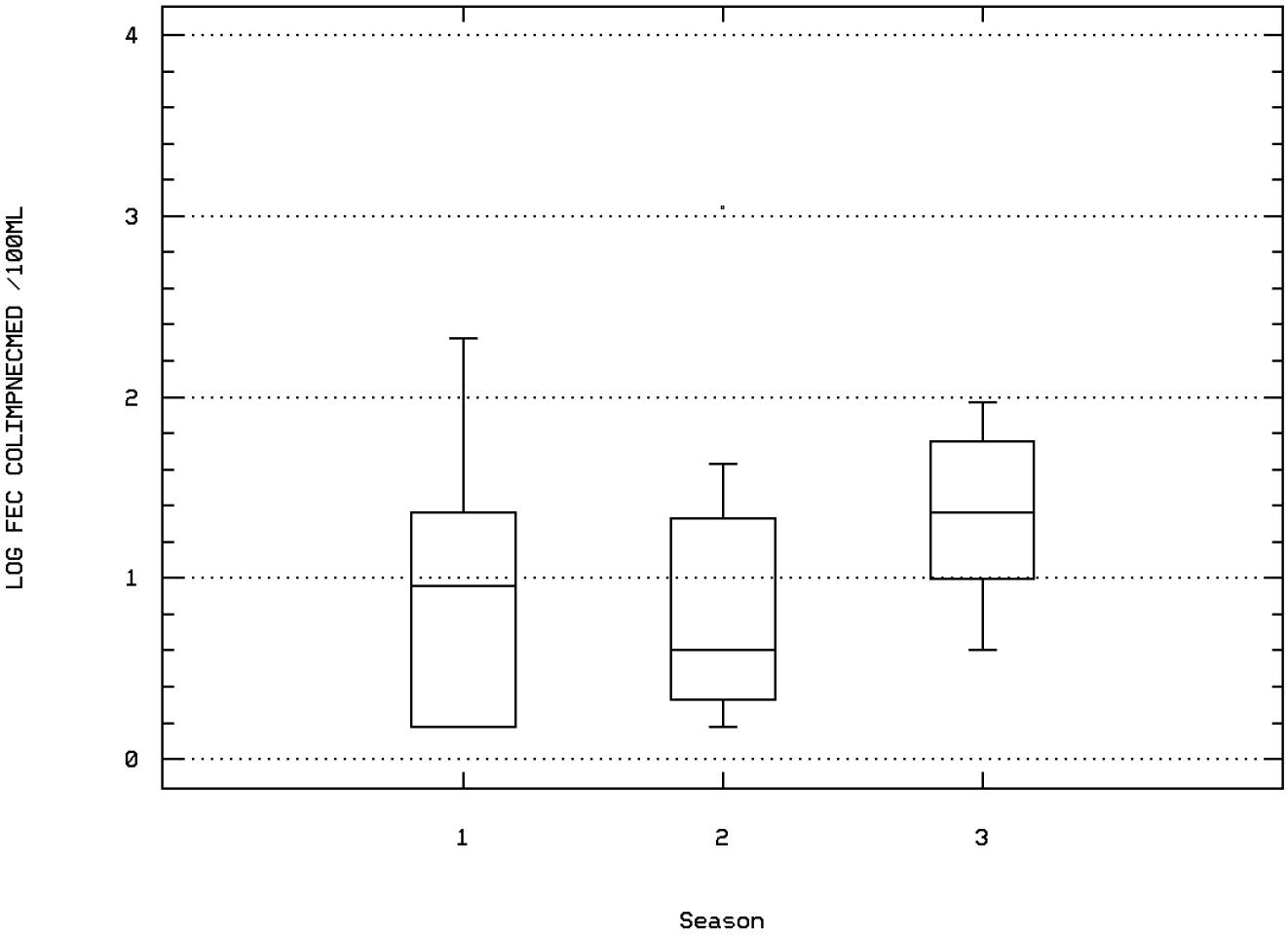
Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	28	23.	37.857	93.	4.	1028.201	32.066	6.7	9.5	67.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	28	1.362	1.4	1.968	0.602	0.183	0.428	0.821	0.976	1.815	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.098								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	30	0.	0.111	2.	0.	0.154	0.392	0.	0.	0.	0.473
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	30	0.545	1.018	5.75	0.	1.6	1.265	0.	0.045	1.425	2.796

** - Less than 9 observations ## - Computed 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: ASIS0052 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Station Inventory for Station: ASIS0053

NPS Station ID: ASIS0053 LAT/LON: 37.921670/ -75.383059 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1015C
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 6.940 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010106900.00 RF3 Mile Point: 0.14 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	07/14/80-10/05/81	2	16.05	16.05	23.	9.1	96.605	9.829	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	07/14/80-10/05/81	2	1.16	1.16	1.362	0.959	0.081	0.285	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			14.467								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/05/81-10/05/81	1	750.	750.	750.	750.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/05/81-10/05/81	1	2.875	2.875	2.875	2.875	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			750.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	07/14/80-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	07/14/80-10/05/81	2	0.11	0.11	0.22	0.	0.024	0.156	**	**	**	**

** - Less than 9 observations ## - 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: ASIS0054

NPS Station ID: ASIS0054 LAT/LON: 37.922504/ -75.362781 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10147.5F
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 16.240 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010143000.00 RF3 Mile Point: 1.27 Distance from RF3: 0.07 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0054

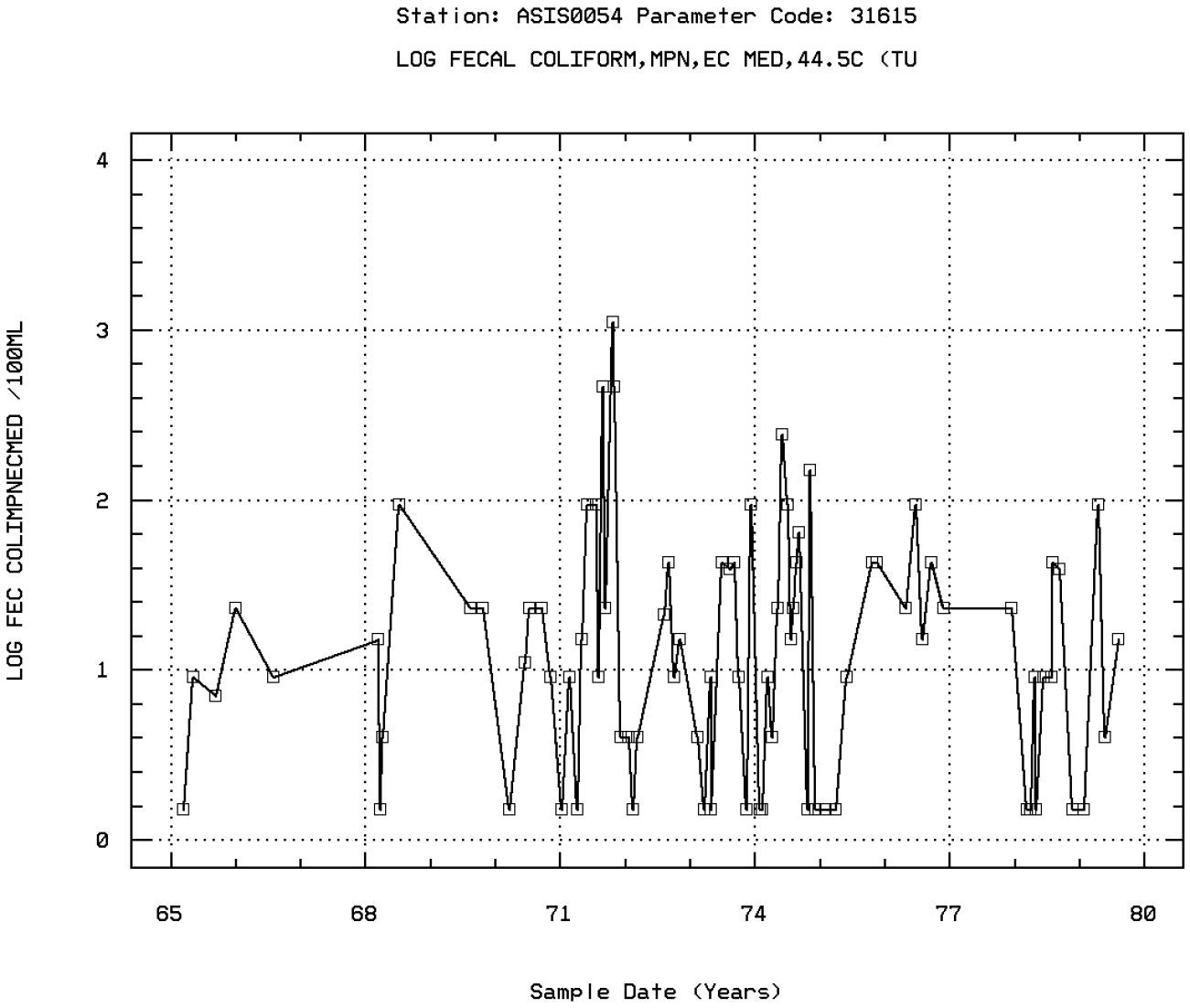
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	03/11/68-04/08/68	3	30.4	30.1	30.6	29.3	0.49	0.7	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	83	11.	49.446	1100.	1.5	19534.604	139.766	1.5	4.	43.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	83	1.041	1.086	3.041	0.176	0.487	0.698	0.176	0.602	1.633	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.192								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	9	3.6	22.3	120.	1.5	1509.895	38.857	1.5	1.5	31.	120.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	9	0.556	0.806	2.079	0.176	0.527	0.726	0.176	0.176	1.476	2.079
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			6.394								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/05/81	13	80.	162.308	860.	20.	61002.564	246.987	20.	25.	145.	720.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/05/81	13	1.903	1.88	2.934	1.301	0.277	0.527	1.301	1.389	2.155	2.844
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			75.787								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	05/01/73-06/22/76	10	27.	59.	240.	1.5	6420.833	80.13	1.5	2.625	107.25	231.
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	05/01/73-06/22/76	10	1.337	1.226	2.38	0.176	0.701	0.837	0.176	0.402	2.02	2.36
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			16.844								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	89	0.	0.132	2.25	0.	0.145	0.38	0.	0.	0.	0.52
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	89	0.54	0.927	5.75	0.	1.204	1.097	0.	0.01	1.34	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0054

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	83	4	0.05	30	2	0.07	25	1	0.04	28	1	0.04			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



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Annual Analysis for 1965 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	3	7.	5.833	9.	1.5	15.083	3.884	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	3	0.845	0.658	0.954	0.176	0.178	0.421	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.555								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	2	16.	16.	23.	9.	98.	9.899	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	2	1.158	1.158	1.362	0.954	0.083	0.288	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.387								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	4	9.5	28.375	93.	1.5	1890.563	43.481	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	4	0.889	0.981	1.968	0.176	0.602	0.776	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.565								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	4	0.	0.13	0.52	0.	0.068	0.26	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	4	0.335	0.423	1.02	0.	0.202	0.449	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	2	23.	23.	23.	23.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	2	1.362	1.362	1.362	1.362	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	2	0.6	0.6	1.2	0.	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	11.	13.5	23.	1.5	87.75	9.367	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	1.041	0.979	1.362	0.176	0.236	0.485	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.529								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.53	0.646	1.5	0.	0.471	0.686	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	12	19.	189.083	1100.	1.5	111127.674	333.358	1.5	5.25	368.25	908.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	12	1.269	1.475	3.041	0.176	0.958	0.979	0.176	0.69	2.489	2.928
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			29.879								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.	0.397	2.25	0.	0.676	0.822	0.	0.	0.383	2.175
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	12	0.355	1.334	5.75	0.	3.566	1.888	0.	0.	2.663	5.15

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	7	9.	13.929	43.	1.5	212.036	14.561	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	7	0.954	0.924	1.633	0.176	0.249	0.499	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.39								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	7	0.98	1.297	2.4	0.54	0.615	0.784	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	10	9.	24.45	93.	1.5	897.192	29.953	1.5	1.5	43.	88.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	10	0.954	0.987	1.968	0.176	0.476	0.69	0.176	0.176	1.633	1.935
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.695								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.	0.052	0.52	0.	0.027	0.164	0.	0.	0.	0.468
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	10	0.13	0.624	2.2	0.	0.84	0.916	0.	0.	1.51	2.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14	19.	47.857	240.	1.5	4924.516	70.175	1.5	1.5	71.25	195.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14	1.269	1.152	2.38	0.176	0.625	0.79	0.176	0.176	1.847	2.278
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.183								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	14	0.	0.113	0.74	0.	0.05	0.224	0.	0.	0.123	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	14	0.44	0.885	4.17	0.	1.326	1.152	0.	0.	1.403	3.085

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	9.	19.6	43.	1.5	465.675	21.58	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	0.954	0.915	1.633	0.176	0.531	0.729	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.216								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.	0.064	0.32	0.	0.02	0.143	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	1.11	0.998	2.28	0.	1.003	1.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	23.	39.4	93.	15.	1004.8	31.699	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	5	1.362	1.5	1.968	1.176	0.095	0.308	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			31.645								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.05	0.166	0.68	0.	0.084	0.29	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	5	0.63	0.548	1.4	0.	0.333	0.577	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	1	23.	23.	23.	23.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	1	1.362	1.362	1.362	1.362	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	1	0.22	0.22	0.22	0.22	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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	9	9.	12.778	43.	1.5	269.069	16.403	1.5	1.5	24.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	9	0.954	0.755	1.633	0.176	0.366	0.605	0.176	0.176	1.273	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.684								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	4	9.5	28.375	93.	1.5	1890.563	43.481	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	4	0.889	0.981	1.968	0.176	0.602	0.776	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.565								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	4	0.055	0.348	1.28	0.	0.389	0.624	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	4	0.51	1.028	2.84	0.25	1.488	1.22	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	6	0.	0.138	0.82	0.	0.112	0.334	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	6	0.49	0.63	1.71	0.15	0.319	0.564	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.	0.083	0.25	0.	0.021	0.144	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	3	0.58	0.48	0.86	0.	0.192	0.439	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	30	6.5	69.017	1100.	1.5	45394.681	213.06	1.5	1.5	23.	144.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	30	0.778	0.937	3.041	0.176	0.642	0.802	0.176	0.176	1.362	2.155
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.658								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	35	0.	0.2	2.25	0.	0.221	0.47	0.	0.	0.08	0.802
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	35	0.54	0.804	4.17	0.	1.094	1.046	0.	0.	0.98	2.368

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0054

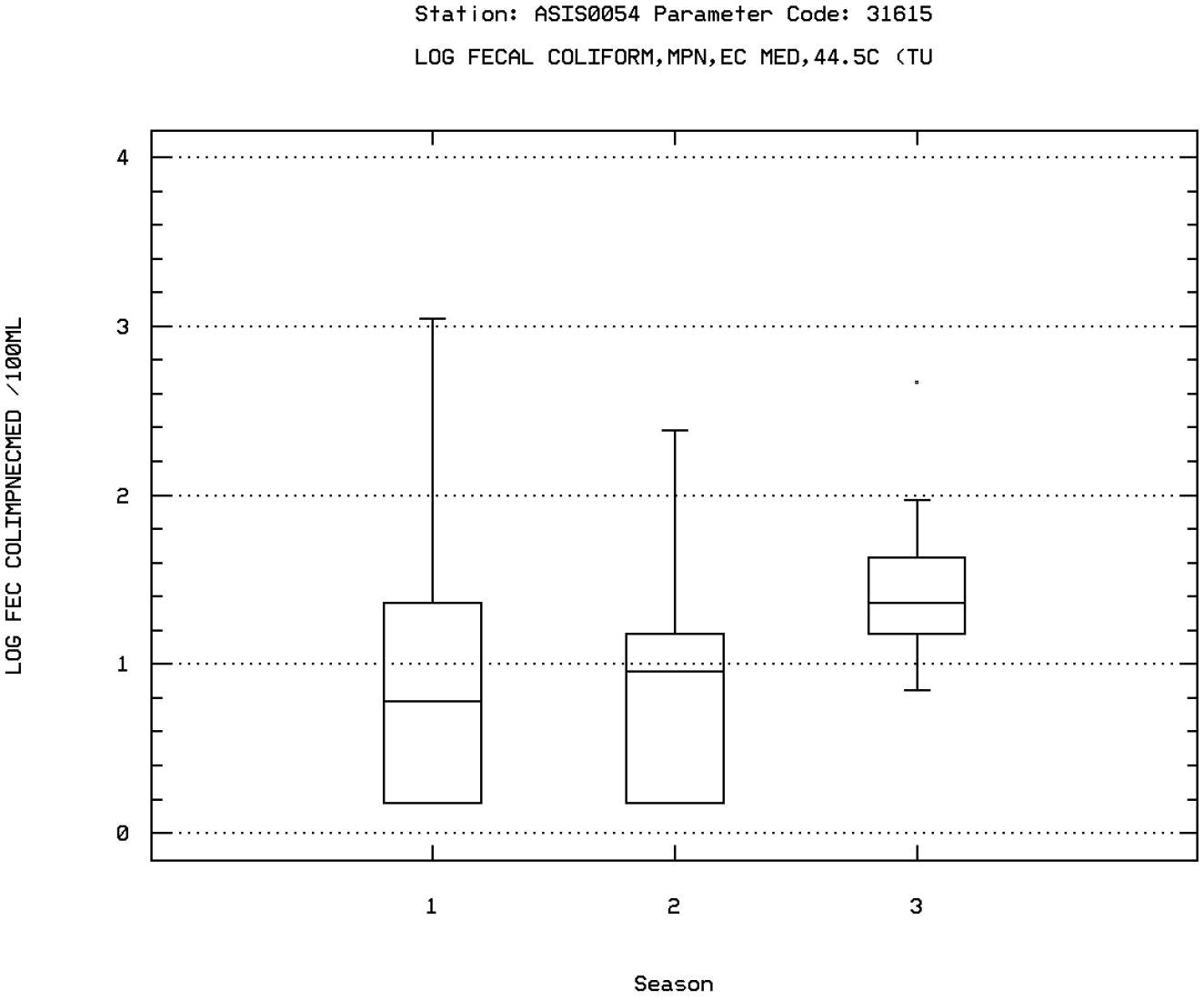
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	25	9.	26.46	240.	1.5	2830.04	53.198	1.5	1.5	19.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	25	0.954	0.856	2.38	0.176	0.462	0.68	0.176	0.176	1.269	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.171								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	24	0.	0.062	0.51	0.	0.02	0.143	0.	0.	0.038	0.355
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	24	0.55	0.99	3.05	0.	0.932	0.965	0.	0.258	1.943	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	28	23.	49.	460.	7.	7139.481	84.495	9.	15.	43.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	28	1.362	1.451	2.663	0.845	0.167	0.409	0.954	1.176	1.633	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			28.26								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	30	0.	0.111	2.	0.	0.154	0.392	0.	0.	0.	0.473
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	30	0.545	1.018	5.75	0.	1.6	1.265	0.	0.045	1.425	2.796

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0055

NPS Station ID: ASIS0055 LAT/LON: 37.922504/ -75.393337 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1018
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 7.090 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010111500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.10 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	46	4.	9.011	93.	1.5	296.583	17.222	1.5	1.5	9.	21.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	46	0.602	0.629	1.968	0.176	0.219	0.468	0.176	0.176	0.954	1.334
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.259								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-11/30/82	25	3.6	9.576	93.	1.5	383.435	19.582	1.5	1.5	9.1	29.8
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/07/80-11/30/82	25	0.556	0.588	1.968	0.176	0.256	0.506	0.176	0.176	0.959	1.447
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.872								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	26	20.	74.038	540.	5.	19222.038	138.644	5.	5.	57.5	291.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	26	1.301	1.371	2.732	0.699	0.4	0.632	0.699	0.699	1.75	2.43
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			23.504								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/21/66-11/30/82	69	0.	0.199	2.25	0.	0.205	0.452	0.	0.	0.14	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/21/66-11/30/82	69	0.53	0.927	5.75	0.	1.255	1.12	0.	0.18	1.325	2.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0055

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	46	0	0.00	15	0	0.00	14	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

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	15 ##	1.5	7.933	75.	1.5	349.495	18.695	1.5	1.5	4.	35.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	15 ##	0.176	0.499	1.875	0.176	0.221	0.47	0.176	0.176	0.602	1.323
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.158								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/21/66-11/30/82	24	0.	0.292	2.25	0.	0.301	0.548	0.	0.	0.47	1.05
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/21/66-11/30/82	24	0.61	0.826	3.75	0.	0.817	0.904	0.01	0.225	0.965	2.375

** - 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 box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0055

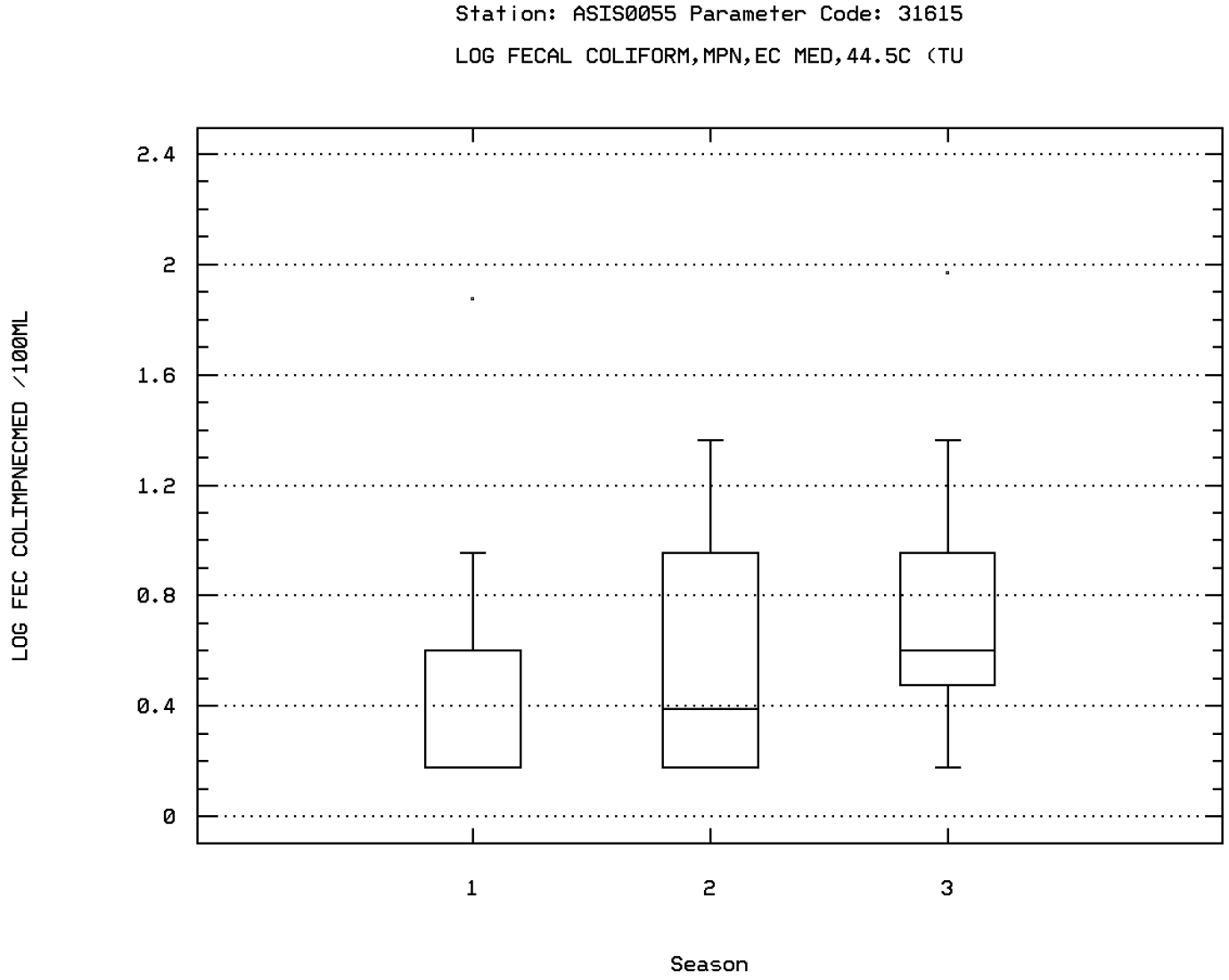
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14 ##	2.75	6.25	23.	1.5	46.913	6.849	1.5	1.5	10.5	19.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	14 ##	0.389	0.568	1.362	0.176	0.206	0.453	0.176	0.176	1.01	1.269
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.697								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/21/66-11/30/82	19	0.	0.151	1.35	0.	0.103	0.321	0.	0.	0.17	0.51
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/21/66-11/30/82	19	0.5	0.924	3.11	0.	1.172	1.083	0.	0.	1.4	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	17	4.	12.235	93.	1.5	471.41	21.712	1.5	3.	9.	37.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	17	0.602	0.794	1.968	0.176	0.206	0.454	0.176	0.477	0.954	1.483
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.23								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/21/66-11/30/82	26	0.	0.147	2.	0.	0.193	0.439	0.	0.	0.	0.815
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/21/66-11/30/82	26	0.465	1.022	5.75	0.	1.799	1.341	0.	0.113	1.525	2.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0056

NPS Station ID: ASIS0056 LAT/LON: 37.925004/ -75.343893 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10142A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 20.100 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010117800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	103	4.	11.15	93.	1.5	270.818	16.457	1.5	1.5	15.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	103	0.602	0.749	1.968	0.176	0.244	0.494	0.176	0.176	1.176	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.613								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-10/05/81	15 ##	1.5	4.607	23.	1.5	33.879	5.821	1.5	1.5	7.2	14.66
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-10/05/81	15 ##	0.176	0.456	1.362	0.176	0.158	0.398	0.176	0.176	0.857	1.12
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.855								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	116	0.	0.15	2.25	0.	0.148	0.385	0.	0.	0.028	0.624
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	116	0.515	0.909	5.75	0.	1.293	1.137	0.	0.023	1.26	2.524

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0056

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	103	0	0.00	35	0	0.00	35	0	0.00	33	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1969 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3	4.	4.167	7.	1.5	7.583	2.754	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3	0.602	0.541	0.845	0.176	0.115	0.339	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.476								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	3	0.	0.4	1.2	0.	0.48	0.693	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	3	0.	0.177	0.53	0.	0.094	0.306	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	15.	21.444	93.	1.5	802.965	28.337	1.5	2.75	23.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	1.176	1.015	1.968	0.176	0.36	0.6	0.176	0.389	1.362	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.36								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.	0.529	2.25	0.	0.851	0.922	0.	0.	1.255	2.25
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.47	1.744	5.75	0.	4.137	2.034	0.	0.14	3.275	5.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	9.	10.45	23.	1.5	57.469	7.581	1.75	4.	17.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.954	0.899	1.362	0.176	0.135	0.368	0.219	0.602	1.223	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.921								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	1.09	1.376	3.03	0.03	0.927	0.963	0.081	0.615	2.4	2.967

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	4.	9.5	23.	1.5	70.25	8.382	1.8	4.	20.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	0.602	0.818	1.362	0.176	0.158	0.397	0.236	0.602	1.301	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.572								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	11	0.	0.156	1.	0.	0.104	0.323	0.	0.	0.2	0.904
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	11	0.09	0.61	2.58	0.	0.918	0.958	0.	0.	1.28	2.504

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	4.	15.281	93.	1.5	610.266	24.704	1.5	1.5	13.5	58.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	0.602	0.785	1.968	0.176	0.338	0.581	0.176	0.176	1.121	1.734
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.098								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	9.	11.292	43.	1.5	143.612	11.984	1.5	2.125	15.	37.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.954	0.829	1.633	0.176	0.236	0.486	0.176	0.283	1.176	1.552
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.738								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	7.	10.444	43.	1.5	167.465	12.941	1.5	2.75	12.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.845	0.791	1.633	0.176	0.218	0.467	0.176	0.389	1.065	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.181								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.03	0.246	1.35	0.	0.219	0.468	0.	0.	0.39	1.35
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.44	0.427	1.4	0.	0.218	0.467	0.	0.01	0.66	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	4.	13.346	75.	1.5	409.141	20.227	1.5	1.5	19.	54.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	0.602	0.76	1.875	0.176	0.34	0.583	0.176	0.176	1.269	1.67
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.755								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	1.5	4.444	23.	1.5	49.59	7.042	1.5	1.5	4.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	0.176	0.402	1.362	0.176	0.163	0.404	0.176	0.176	0.602	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.526								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	3.5	4.5	15.	1.5	18.833	4.34	1.5	1.5	5.25	14.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.54	0.512	1.176	0.176	0.124	0.352	0.176	0.176	0.69	1.154
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.249								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

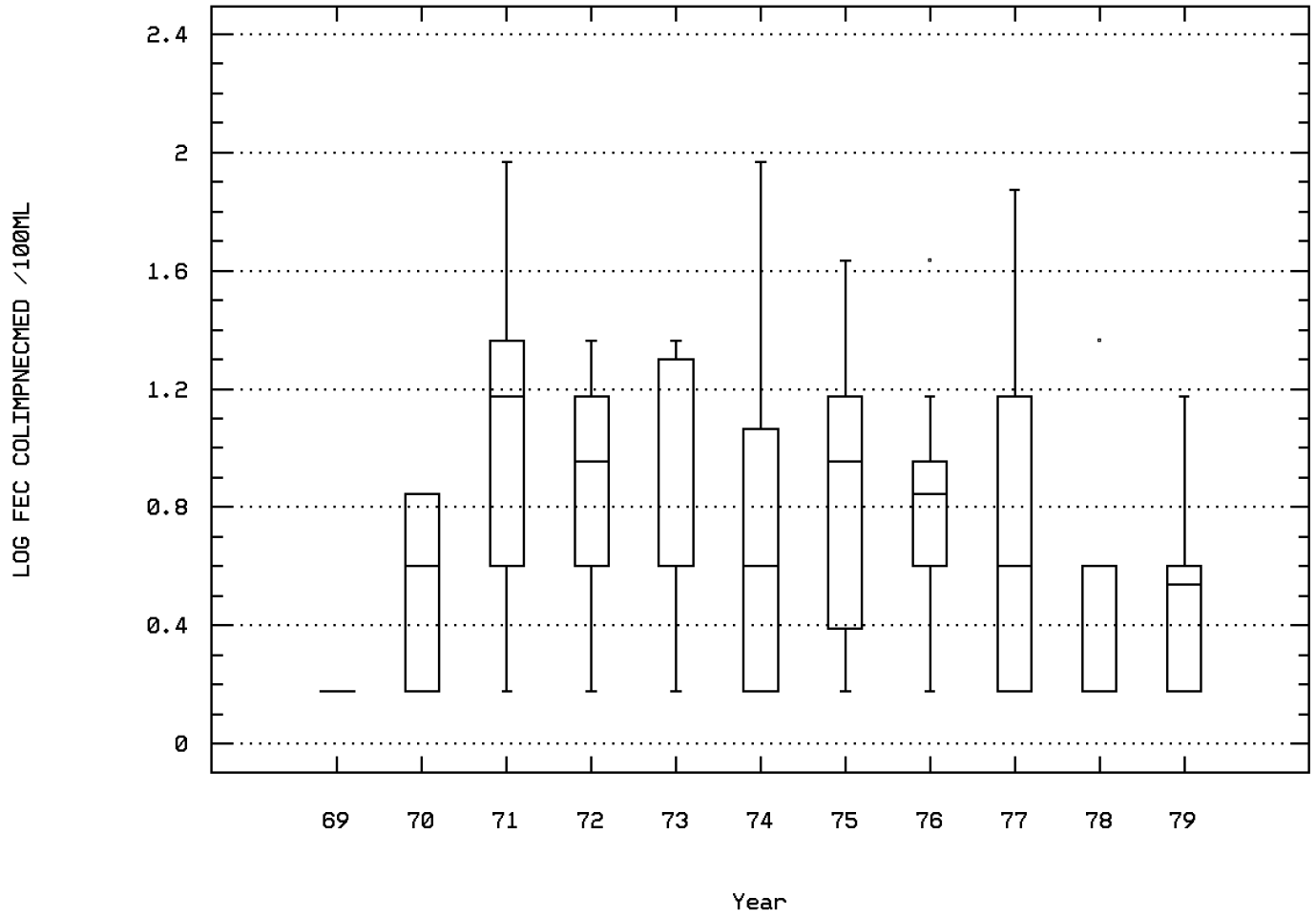
Annual Analysis for 1981 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	3	0.	0.083	0.25	0.	0.021	0.144	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	3	0.58	0.48	0.86	0.	0.192	0.439	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0056 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	35	7.	14.786	93.	1.5	426.901	20.662	1.5	1.5	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	35	0.845	0.844	1.968	0.176	0.292	0.541	0.176	0.176	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.983								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	41	0.	0.173	2.25	0.	0.189	0.435	0.	0.	0.065	0.768
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	41	0.59	0.928	4.17	0.	1.164	1.079	0.	0.05	1.065	2.474

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	35	4.	8.171	93.	1.5	246.926	15.714	1.5	1.5	9.	15.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	35	0.602	0.615	1.968	0.176	0.208	0.456	0.176	0.176	0.954	1.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.119								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	37	0.	0.137	1.35	0.	0.098	0.314	0.	0.	0.075	0.572
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	37	0.6	0.998	4.93	0.	1.339	1.157	0.	0.015	1.695	2.846

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	7.	10.455	43.	1.5	122.631	11.074	1.5	2.25	15.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	0.845	0.791	1.633	0.176	0.217	0.466	0.176	0.327	1.176	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.181								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	38	0.	0.139	2.	0.	0.16	0.4	0.	0.	0.	0.614
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	38	0.235	0.802	5.75	0.	1.438	1.199	0.	0.	1.22	2.444

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0057

NPS Station ID: ASIS0057 LAT/LON: 37.927838/ -75.390337 Agency: 11NPSWRD Date Created: 07/01/95
Location: CHINCOTEAGUE CHANNEL MARKER #28 FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_VB4
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
SAMPLE SITE IS LOCATED IN THE VIRGINIA PORTION OF CHINCOTEAGUE BAY. SAMPLES ARE TAKEN IN THE MIDDLE OF THE CHANNEL. STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND NATIONAL SEASHORE AS PART OF A NETWORK TO MONITOR WATER QUALITY IN CHINCOTEAGUE AND SINEPUXENT BAYS FROM 1987 TO 1994.

Parameter Inventory for Station: ASIS0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/91-10/19/94	25	22.9	21.06	28.2	11.3	26.1	5.109	12.96	16.65	25.65	26.78
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-10/19/94	17	48900.	48588.235	50800.	45000.	1798602.941	1341.12	46680.	48000.	49250.	50240.
00300	OXYGEN, DISSOLVED MG/L	05/01/91-10/19/94	25	6.8	6.888	8.9	4.9	1.289	1.136	5.68	5.85	8.05	8.52
00406	PH, FIELD, STANDARD UNITS SU	05/01/91-10/19/94	24	7.795	7.807	8.11	7.57	0.016	0.127	7.695	7.7	7.89	8.015
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/01/91-10/19/94	24	7.795	7.79	8.11	7.57	0.016	0.128	7.695	7.7	7.89	8.015
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/91-10/19/94	24	0.016	0.016	0.027	0.008	0.	0.004	0.01	0.013	0.02	0.02
00480	SALINITY - PARTS PER THOUSAND	05/01/91-10/19/94	25	31.9	31.724	33.4	29.2	0.738	0.859	30.6	31.35	32.2	32.78
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/91-09/16/94	24	22.	32.833	135.	6.	942.232	30.696	8.5	14.25	33.75	81.5
00600	NITROGEN, TOTAL (MG/L AS N)	05/01/91-09/16/94	24	0.225	0.259	0.59	0.12	0.013	0.113	0.15	0.193	0.295	0.46
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/91-09/16/94	24	0.015	0.027	0.08	0.003	0.001	0.027	0.003	0.008	0.054	0.078
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/91-09/16/94	24	0.004	0.005	0.02	0.	0.	0.005	0.	0.001	0.008	0.015
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/91-09/16/94	24	0.052	0.052	0.09	0.025	0.	0.017	0.027	0.042	0.06	0.078
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/91-09/16/94	24	0.016	0.015	0.036	0.002	0.	0.009	0.005	0.007	0.022	0.026
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/91-09/16/94	24	0.7	0.944	3.2	0.07	0.683	0.826	0.095	0.225	1.325	2.25
32230	CHLOROPHYLL A (MG/L)	05/01/91-09/16/94	24	0.004	0.005	0.009	0.001	0.	0.003	0.001	0.002	0.007	0.009
32231	CHLOROPHYLL B (MG/L)	05/29/91-09/16/94	14	0.	0.	0.001	0.	0.	0.	0.	0.	0.001	0.001
32232	CHLOROPHYLL C (MG/L)	05/01/91-09/16/94	23	0.001	0.001	0.003	0.	0.	0.001	0.	0.001	0.001	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

EPA Water Quality Criteria Analysis for Station: ASIS0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	25	0	0.00	2	0	0.00	12	0	0.00	11	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	24	0	0.00	2	0	0.00	12	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	24	0	0.00	2	0	0.00	12	0	0.00	10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0058

NPS Station ID: ASIS0058 LAT/LON: 37.928337/ -75.391393 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS1019
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 6.740 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010106100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.12 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	112	4.	11.946	150.	1.5	408.448	20.21	1.5	1.5	15.	39.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	112	0.602	0.722	2.176	0.176	0.278	0.527	0.176	0.176	1.176	1.591
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.269								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30 ##	2.55	7.	43.	1.5	98.893	9.945	1.5	1.5	9.1	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30 ##	0.366	0.55	1.633	0.176	0.221	0.47	0.176	0.176	0.959	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.546								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	35	30.	58.714	280.	5.	4972.563	70.516	5.	5.	80.	162.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	35	1.477	1.439	2.447	0.699	0.341	0.584	0.699	0.699	1.903	2.177
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			27.487								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-04/26/76	2 ##	12.25	12.25	23.	1.5	231.125	15.203	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/22/75-04/26/76	2 ##	0.769	0.769	1.362	0.176	0.703	0.838	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			5.874								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	137	0.	0.151	2.25	0.	0.129	0.359	0.	0.	0.065	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	137	0.48	0.828	5.75	0.	1.162	1.078	0.	0.	1.145	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

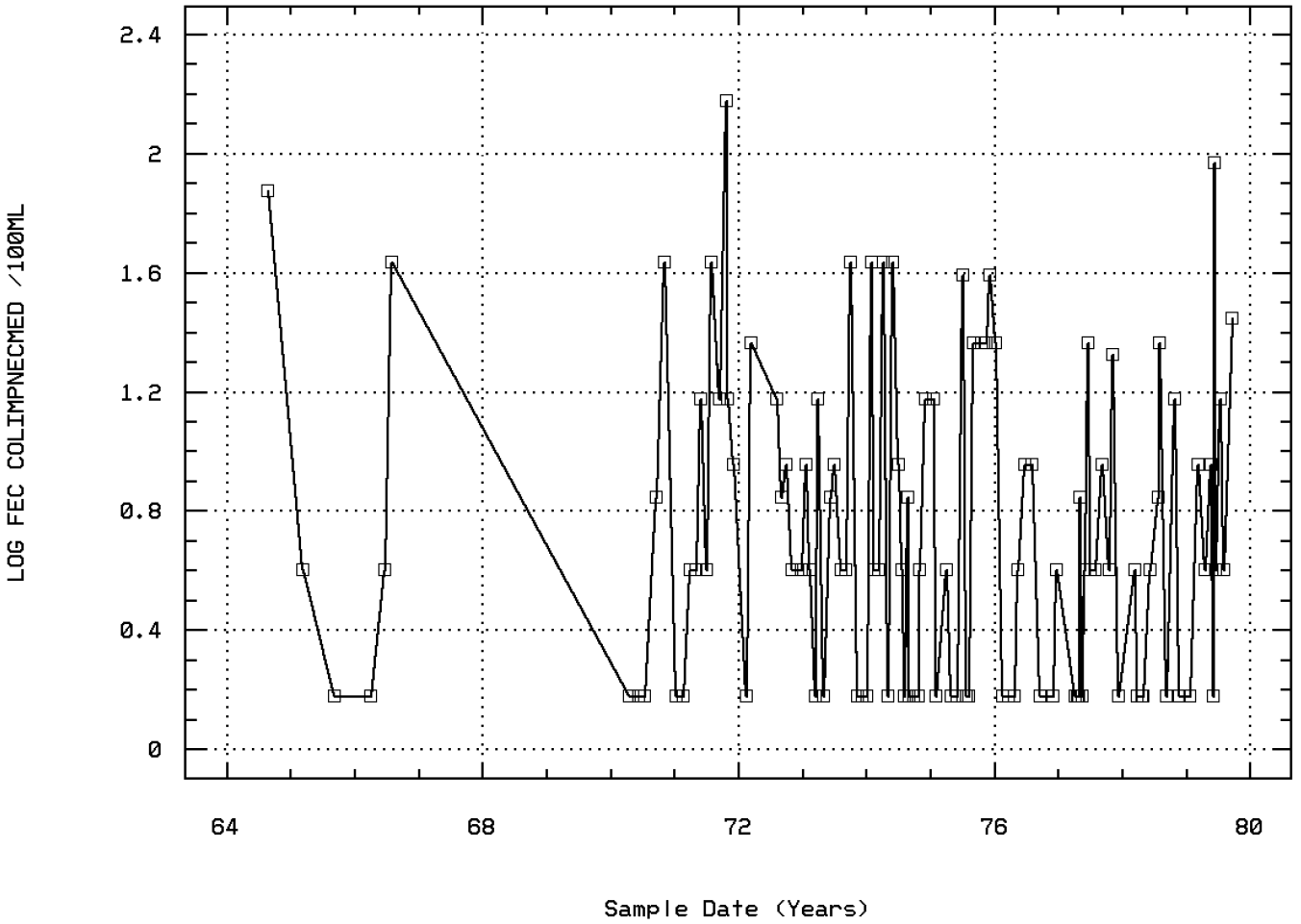
EPA Water Quality Criteria Analysis for Station: ASIS0058

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	112	0	0.00	38	0	0.00	38	0	0.00	36	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: ASIS0058 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Annual Analysis for 1964 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	1	75.	75.	75.	75.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	1	1.875	1.875	1.875	1.875	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			75.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	3	4.	16.167	43.	1.5	541.583	23.272	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	3	0.602	0.804	1.633	0.176	0.562	0.749	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.366								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	3	1.	0.867	1.6	0.	0.653	0.808	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	5 ##	1.5	10.9	43.	1.5	327.675	18.102	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	5 ##	0.176	0.601	1.633	0.176	0.417	0.646	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.994								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	11	9.	23.818	150.	1.5	1891.714	43.494	1.5	4.	15.	128.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	11	0.954	0.95	2.176	0.176	0.368	0.607	0.176	0.602	1.176	2.068
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.913								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	7	7.	9.071	23.	1.5	57.036	7.552	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	7	0.845	0.817	1.362	0.176	0.158	0.398	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.558								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	7	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	7	0.98	1.306	2.4	0.6	0.6	0.775	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	12	4.	8.417	43.	1.5	135.629	11.646	1.5	1.5	9.	34.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	12	0.602	0.673	1.633	0.176	0.215	0.464	0.176	0.176	0.954	1.496
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.708								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	16	4.	11.563	43.	1.5	256.029	16.001	1.5	1.5	13.5	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	16	0.602	0.709	1.633	0.176	0.307	0.554	0.176	0.176	1.121	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.114								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	12	9.5	14.458	39.	1.5	215.703	14.687	1.5	1.5	23.	39.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	12	0.889	0.827	1.591	0.176	0.392	0.626	0.176	0.176	1.362	1.591
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.717								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	10 ##	2.75	5.65	23.	1.5	46.114	6.791	1.5	1.5	9.	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	10 ##	0.389	0.535	1.362	0.176	0.188	0.433	0.176	0.176	0.954	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.431								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	13	4.	6.423	23.	1.5	53.244	7.297	1.5	1.5	8.	22.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	13	0.602	0.598	1.362	0.176	0.182	0.427	0.176	0.176	0.9	1.346
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.961								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	12	0.11	0.558	2.37	0.	0.658	0.811	0.	0.	0.888	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	10 ##	2.75	6.05	23.	1.5	53.358	7.305	1.5	1.5	9.	22.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	10 ##	0.389	0.547	1.362	0.176	0.205	0.452	0.176	0.176	0.928	1.343
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.522								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	10	6.5	16.9	93.	1.5	779.6	27.921	1.5	3.375	18.25	86.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	10	0.778	0.866	1.968	0.176	0.314	0.56	0.176	0.496	1.244	1.916
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.343								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

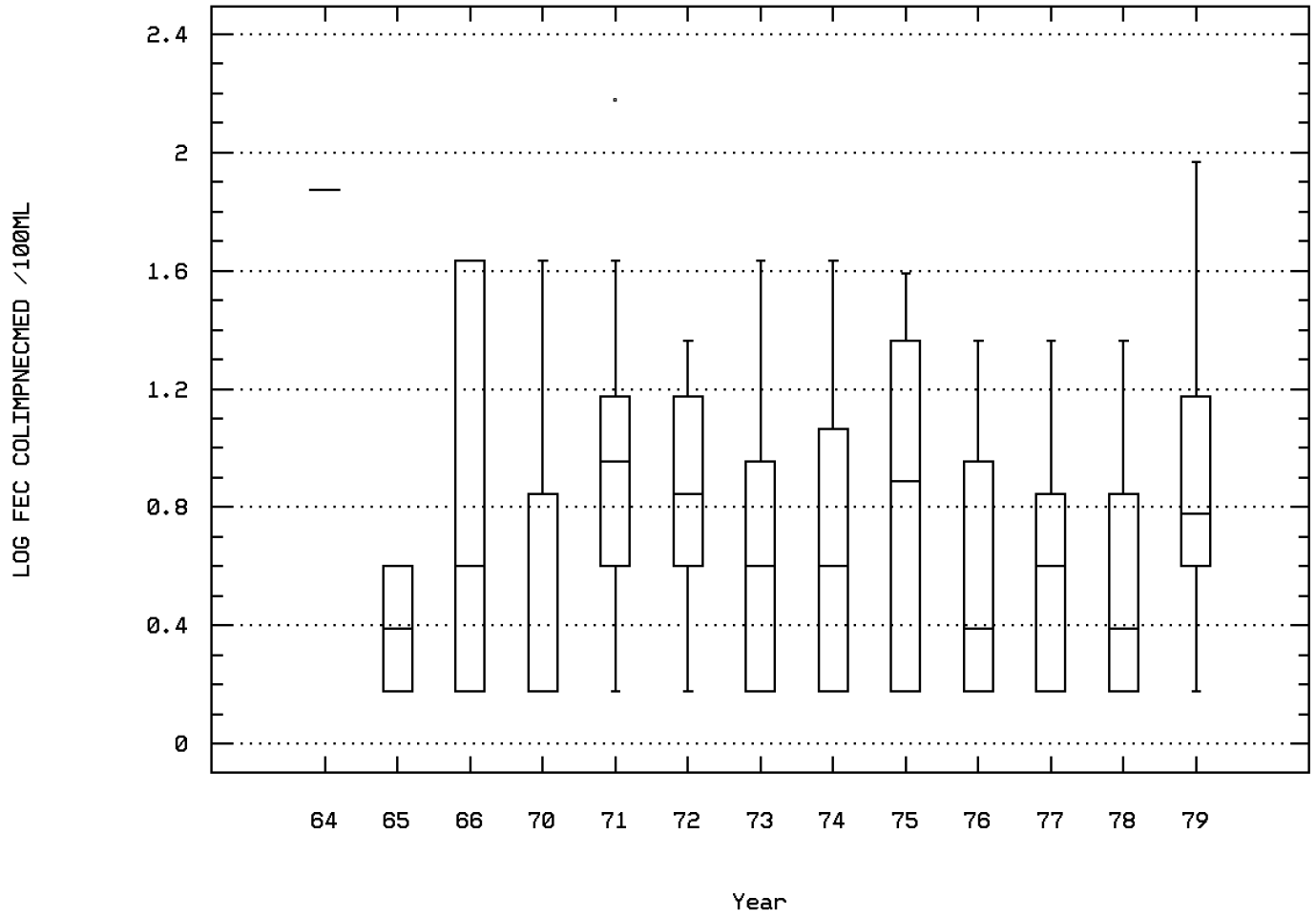
Annual Analysis for 1982 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0058 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	38	4.	13.961	150.	1.5	653.681	25.567	1.5	1.5	16.5	39.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	38	0.602	0.765	2.176	0.176	0.309	0.556	0.176	0.176	1.213	1.595
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.824								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	49	0.	0.182	2.25	0.	0.167	0.409	0.	0.	0.225	0.68
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	49	0.56	0.825	4.17	0.	1.039	1.019	0.	0.03	0.98	2.37

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0058

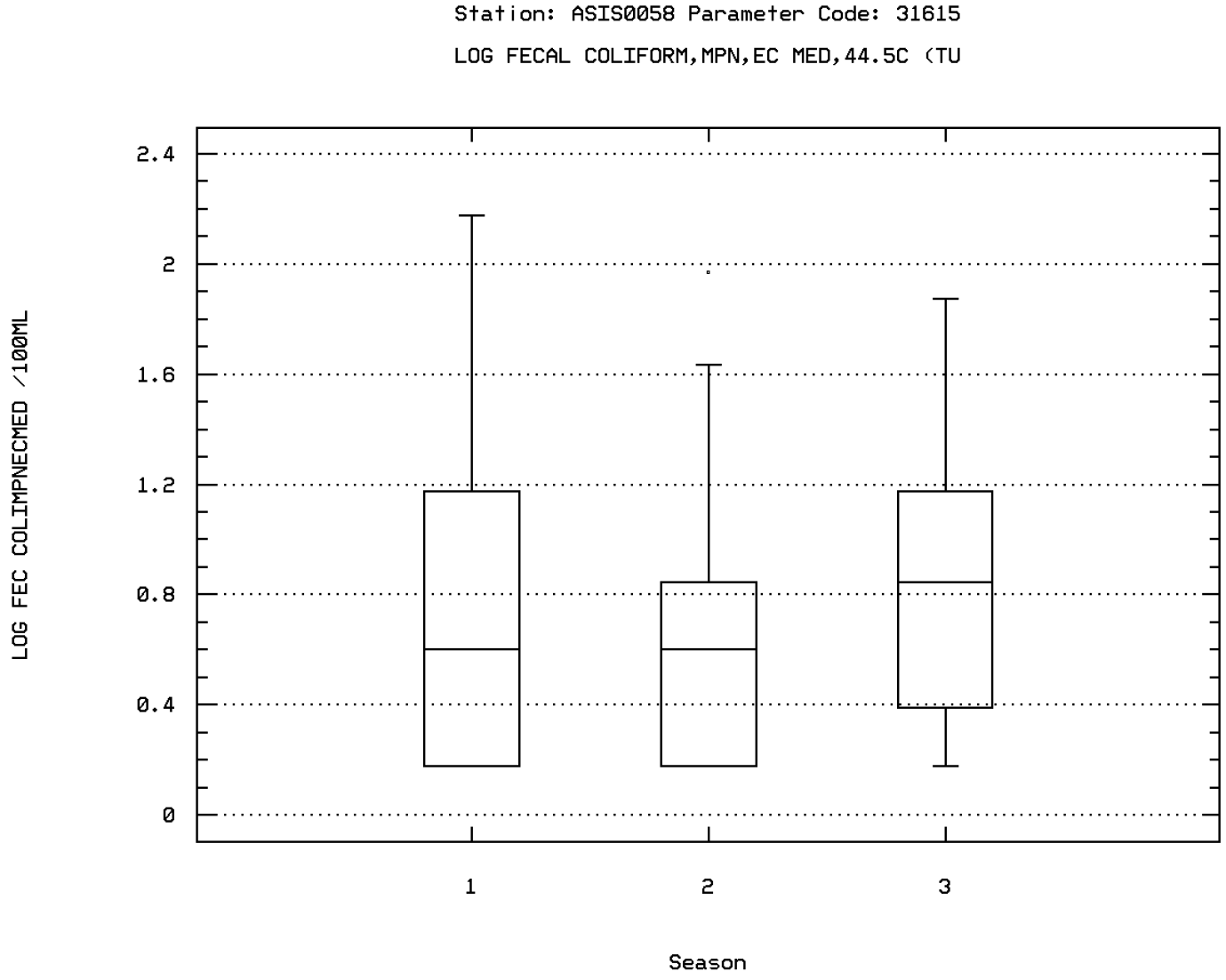
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	38	4.	8.711	93.	1.5	294.684	17.166	1.5	1.5	7.	25.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	38	0.602	0.572	1.968	0.176	0.239	0.488	0.176	0.176	0.845	1.389
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.733								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	43	0.	0.136	1.35	0.	0.086	0.294	0.	0.	0.11	0.49
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	43	0.5	0.885	4.93	0.	1.258	1.122	0.	0.	1.4	2.712

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	36	7.	13.236	75.	1.5	275.321	16.593	1.5	2.125	15.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-09/19/79	36	0.845	0.834	1.875	0.176	0.263	0.513	0.176	0.283	1.176	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.82								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	45	0.	0.131	2.	0.	0.132	0.364	0.	0.	0.	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	04/04/66-11/30/82	45	0.37	0.776	5.75	0.	1.252	1.119	0.	0.02	1.24	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



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Station Inventory for Station: ASIS0059

NPS Station ID: ASIS0059 LAT/LON: 37.928892/ -75.342227 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10141A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 20.100 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010117500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	104	4.	10.149	240.	1.5	622.101	24.942	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	104	0.602	0.652	2.38	0.176	0.235	0.485	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.491								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30 ##	1.5	3.593	23.	1.5	22.587	4.753	1.5	1.5	3.6	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30 ##	0.176	0.377	1.362	0.176	0.113	0.337	0.176	0.176	0.556	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.383								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	132	0.	0.16	2.25	0.	0.141	0.375	0.	0.	0.073	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	132	0.5	0.866	5.75	0.	1.216	1.103	0.	0.023	1.195	2.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0059

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	104	1	0.01	36	1	0.03	35	0	0.00	33	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1969 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3	9.	11.167	23.	1.5	119.083	10.913	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3	0.954	0.831	1.362	0.176	0.363	0.602	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.772								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.4	1.2	0.	0.48	0.693	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.177	0.53	0.	0.094	0.306	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	15.	42.222	240.	1.5	5763.632	75.919	1.5	2.75	43.	240.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	1.176	1.121	2.38	0.176	0.532	0.729	0.176	0.389	1.633	2.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.228								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.529	2.25	0.	0.851	0.922	0.	0.	1.255	2.25
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.47	1.744	5.75	0.	4.137	2.034	0.	0.14	3.275	5.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	3.5	6.25	23.	1.5	43.347	6.584	1.5	1.5	9.	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.54	0.62	1.362	0.176	0.162	0.402	0.176	0.176	0.954	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.169								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	1.09	1.376	3.03	0.03	0.927	0.963	0.081	0.615	2.4	2.967

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	4.	7.773	23.	1.5	70.518	8.398	1.5	1.5	15.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	0.602	0.676	1.362	0.176	0.197	0.444	0.176	0.176	1.176	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.745								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.156	1.	0.	0.104	0.323	0.	0.	0.2	0.904
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.09	0.61	2.58	0.	0.918	0.958	0.	0.	1.28	2.504

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	4.	7.438	23.	1.5	47.663	6.904	1.5	2.125	10.5	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	0.602	0.705	1.362	0.176	0.16	0.4	0.176	0.283	1.02	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.066								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	4.	9.792	43.	1.5	150.294	12.259	1.5	2.125	13.5	37.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.602	0.742	1.633	0.176	0.224	0.473	0.176	0.283	1.121	1.552
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.524								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	2.75	3.85	15.	1.5	16.892	4.11	1.5	1.5	4.	13.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.389	0.446	1.176	0.176	0.111	0.332	0.176	0.176	0.602	1.119
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.796								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13 ##	1.5	8.885	43.	1.5	232.048	15.233	1.5	1.5	5.5	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13 ##	0.176	0.55	1.633	0.176	0.285	0.534	0.176	0.176	0.724	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.549								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	4.	4.	9.	1.5	9.375	3.062	1.5	1.5	6.5	9.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.602	0.491	0.954	0.176	0.108	0.328	0.176	0.176	0.778	0.954
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.097								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	1.5	6.6	23.	1.5	77.878	8.825	1.5	1.5	11.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.176	0.523	1.362	0.176	0.249	0.499	0.176	0.176	0.974	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.332								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

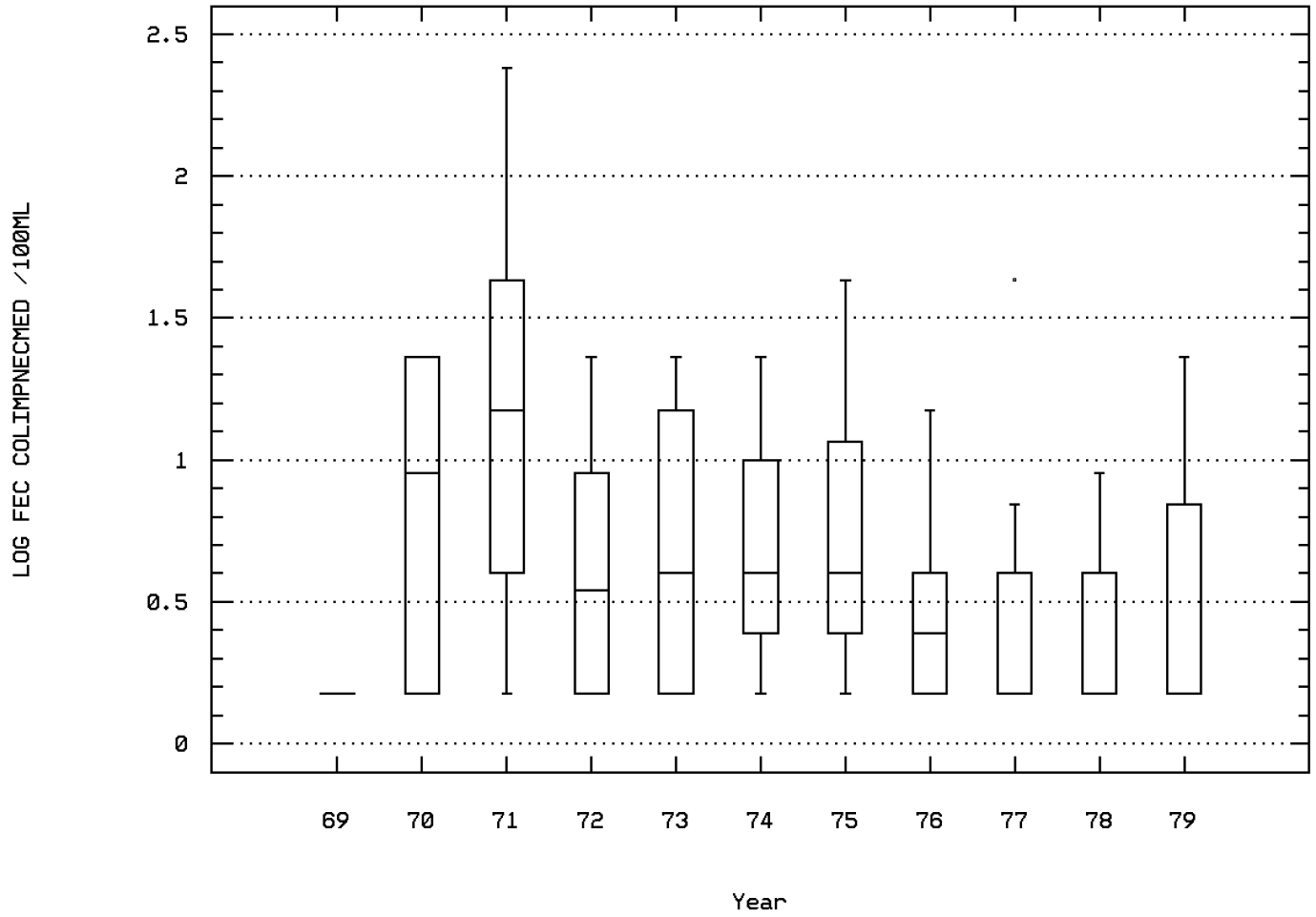
Annual Analysis for 1982 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0059 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	4.	14.625	240.	1.5	1600.148	40.002	1.5	1.875	9.	29.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	0.602	0.729	2.38	0.176	0.256	0.506	0.176	0.251	0.954	1.443
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.362								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	47	0.	0.179	2.25	0.	0.172	0.415	0.	0.	0.2	0.702
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	47	0.56	0.862	4.17	0.	1.052	1.025	0.	0.07	0.98	2.396

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	35	4.	6.243	23.	1.5	56.8	7.537	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	35	0.602	0.55	1.362	0.176	0.193	0.44	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.55								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	41	0.	0.136	1.35	0.	0.09	0.3	0.	0.	0.105	0.5
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	41	0.6	1.011	4.93	0.	1.37	1.17	0.	0.	1.695	2.984

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	4.	9.409	43.	1.5	152.085	12.332	1.5	1.5	12.	35.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	0.602	0.677	1.633	0.176	0.252	0.502	0.176	0.176	1.065	1.525
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.749								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	44	0.	0.161	2.	0.	0.16	0.4	0.	0.	0.008	0.77
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	44	0.305	0.736	5.75	0.	1.269	1.127	0.	0.	1.195	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0060

NPS Station ID: ASIS0060 LAT/LON: 37.930559/ -75.386949 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10110
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 6.440 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010020300.00 RF3 Mile Point: 0.60 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	50	4.	19.52	150.	1.5	1173.571	34.257	1.5	1.5	17.	91.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	50	0.602	0.807	2.176	0.176	0.373	0.611	0.176	0.176	1.223	1.959
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.409								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-11/30/82	25	3.	5.9	23.	1.5	40.241	6.344	1.5	1.5	9.1	18.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-11/30/82	25	0.477	0.561	1.362	0.176	0.181	0.426	0.176	0.176	0.959	1.25
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.64								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	26	25.	89.423	440.	5.	18304.654	135.295	5.	10.	92.5	359.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	26	1.389	1.479	2.643	0.699	0.432	0.658	0.699	1.	1.966	2.555
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			30.106								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	72	0.	0.199	2.25	0.	0.199	0.447	0.	0.	0.155	0.797
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	72	0.5	0.887	5.75	0.	1.239	1.113	0.	0.023	1.238	2.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0060

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	50	0	0.00	16	0	0.00	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

Annual Analysis for 1966 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.5	0.65	1.6	0.	0.623	0.79	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	1.09	1.423	2.4	0.64	0.604	0.777	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.075	0.363	1.35	0.	0.301	0.549	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.325	0.457	1.4	0.	0.316	0.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.22	0.22	0.22	0.22	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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	1.02	1.441	3.05	0.	1.546	1.244	0.	0.315	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.055	0.348	1.28	0.	0.389	0.624	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.51	1.028	2.84	0.25	1.488	1.22	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	7	0.	0.119	0.82	0.	0.096	0.309	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	7	0.48	0.571	1.71	0.15	0.29	0.538	**	**	**	**

** - 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 box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	16	5.	20.25	93.	1.5	811.633	28.489	1.5	4.	38.	80.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	16	0.69	0.932	1.968	0.176	0.331	0.575	0.176	0.602	1.566	1.903
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.542								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	26	0.	0.293	2.25	0.	0.284	0.533	0.	0.	0.502	0.958
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	26	0.555	0.763	3.75	0.	0.802	0.896	0.	0.165	0.935	2.325

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	17 ##	1.5	4.324	23.	1.5	29.154	5.399	1.5	1.5	4.	11.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	17 ##	0.176	0.455	1.362	0.176	0.132	0.363	0.176	0.176	0.602	1.036
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.853								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	21	0.	0.137	1.35	0.	0.095	0.308	0.	0.	0.14	0.468
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	21	0.37	0.83	3.11	0.	1.137	1.066	0.	0.	1.325	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

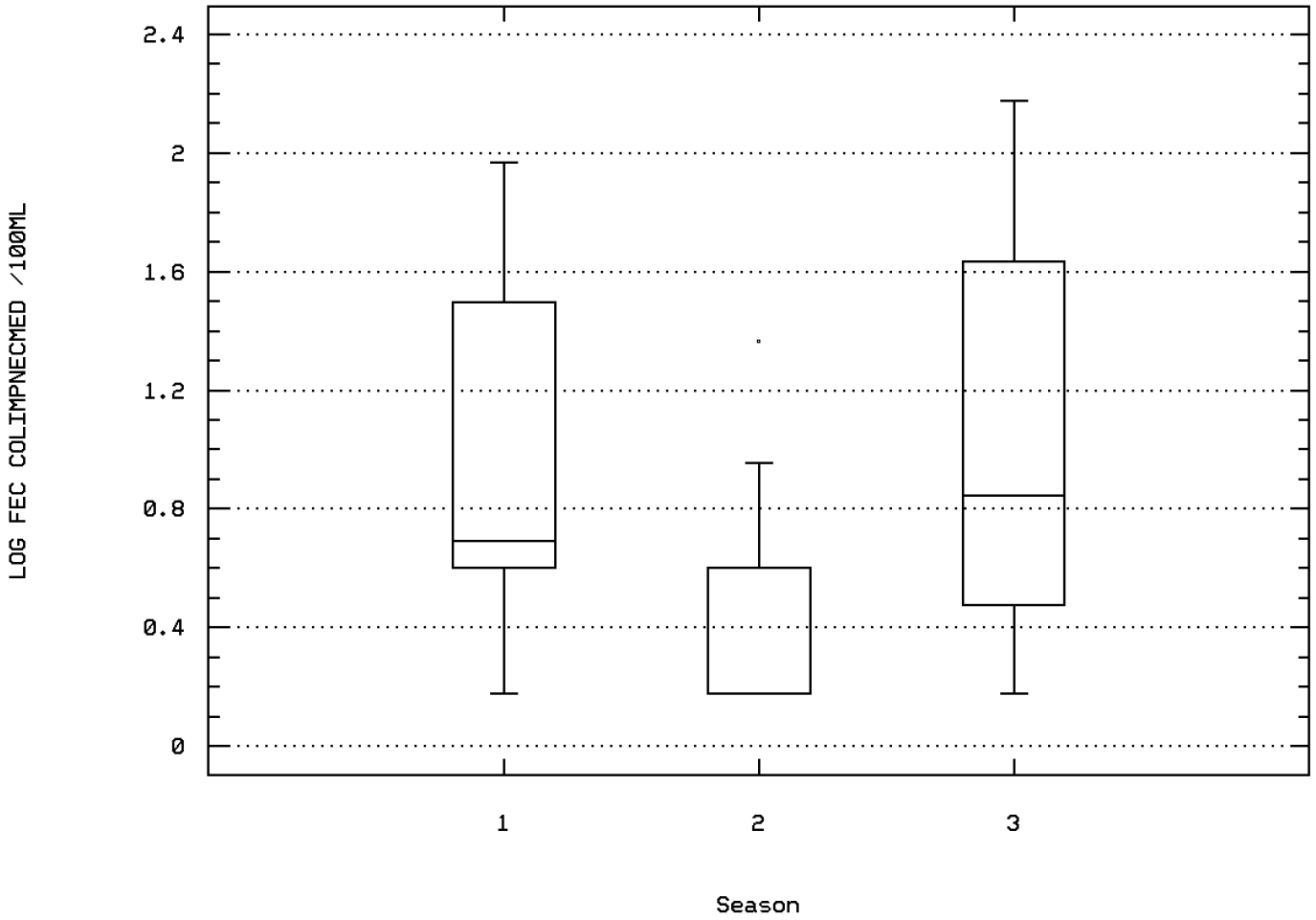
Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	17	7.	34.029	150.	1.5	2334.421	48.316	1.5	3.	68.	126.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/25/64-08/06/79	17	0.845	1.041	2.176	0.176	0.494	0.703	0.176	0.477	1.801	2.099
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.986								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	25	0.	0.153	2.	0.	0.2	0.447	0.	0.	0.	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	25	0.48	1.063	5.75	0.	1.828	1.352	0.	0.185	1.55	2.92

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0060 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0061

NPS Station ID: ASIS0061 LAT/LON: 37.931948/ -75.383892 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10111
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 6.300 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010017900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0061

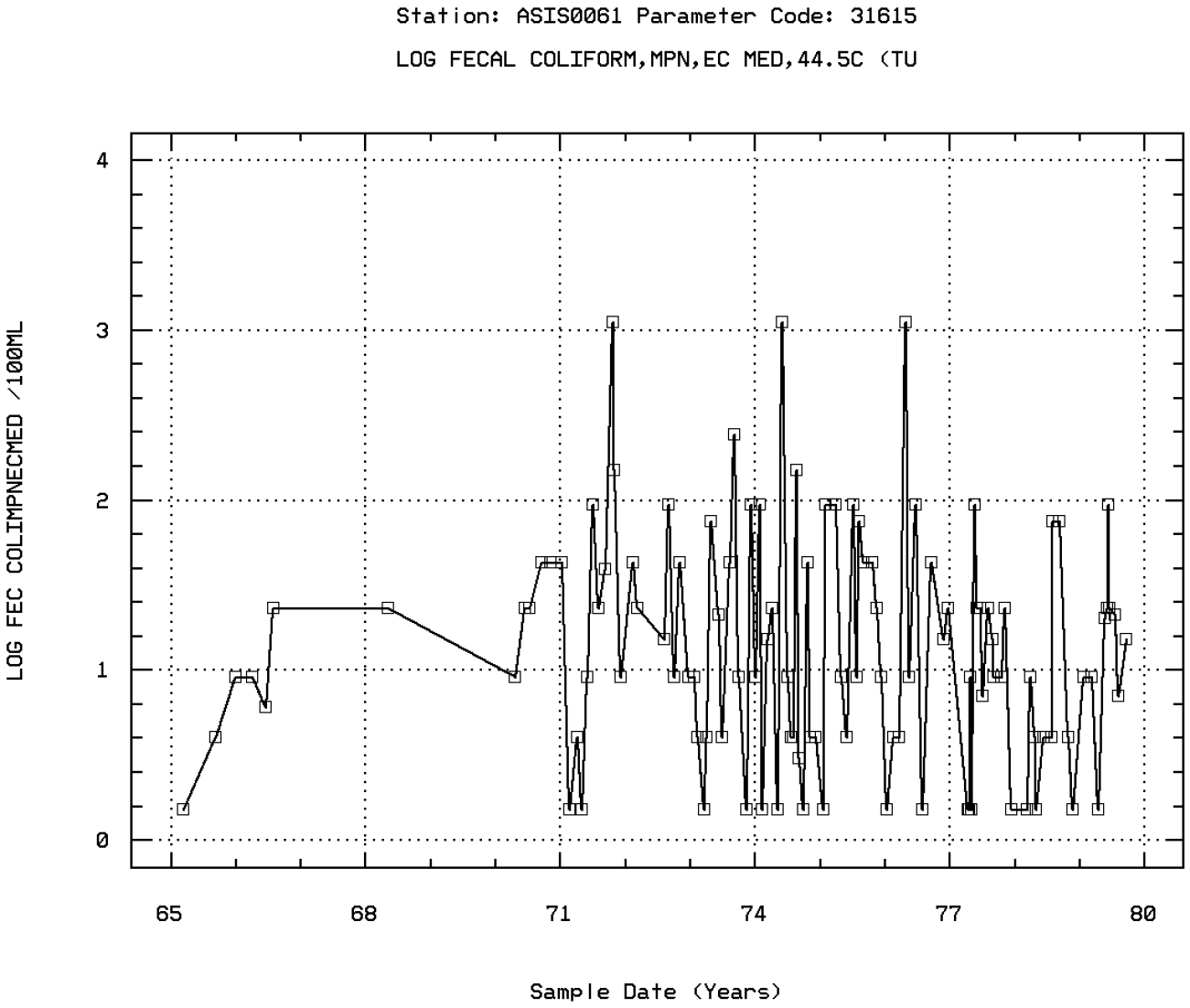
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	114	9.	55.487	1100.	1.5	31177.909	176.573	1.5	4.	43.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	114	0.954	1.116	3.041	0.176	0.449	0.67	0.176	0.602	1.633	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.051								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30	9.1	67.11	460.	1.5	18875.426	137.388	1.5	1.5	43.	429.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30	0.959	1.113	2.663	0.176	0.651	0.807	0.176	0.176	1.633	2.614
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.976								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	34	50.	178.382	1680.	5.	98722.304	314.201	5.	10.	245.	545.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	34	1.699	1.735	3.225	0.699	0.531	0.729	0.699	1.	2.389	2.736
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			54.36								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-12/20/76	4	4.	278.	1100.	4.	300304.	548.	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/22/75-12/20/76	4	0.602	1.212	3.041	0.602	1.488	1.22	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			16.289								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	140	0.	0.147	2.25	0.	0.127	0.356	0.	0.	0.05	0.592
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	140	0.465	0.817	5.75	0.	1.147	1.071	0.	0.	1.088	2.397

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0061

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	114	4	0.04	39	1	0.03	39	2	0.05	36	1	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



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Annual Analysis for 1965 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	4	9.	11.75	23.	6.	58.25	7.632	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	4	0.954	1.012	1.362	0.778	0.061	0.247	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.282								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.5	0.65	1.6	0.	0.623	0.79	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	1	23.	23.	23.	23.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	1	1.362	1.362	1.362	1.362	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	5	23.	28.2	43.	9.	215.2	14.67	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	5	1.362	1.389	1.633	0.954	0.078	0.278	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.487								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	11	23.	133.909	1100.	1.5	104798.241	323.726	1.5	4.	93.	910.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	11	1.362	1.33	3.041	0.176	0.769	0.877	0.176	0.602	1.968	2.868
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.402								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	7	23.	33.571	93.	9.	895.619	29.927	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	7	1.362	1.383	1.968	0.954	0.147	0.383	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			24.16								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	7	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	7	0.98	1.306	2.4	0.6	0.6	0.775	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	9.	42.083	240.	1.5	4829.674	69.496	1.5	4.	67.	195.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	0.954	1.104	2.38	0.176	0.529	0.727	0.176	0.602	1.815	2.257
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.702								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	16	6.5	91.594	1100.	1.5	73984.207	272.	1.5	3.25	38.	435.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	16	0.778	1.042	3.041	0.176	0.665	0.815	0.176	0.508	1.566	2.436
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.027								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	33.	41.292	93.	1.5	1418.203	37.659	2.25	9.	88.5	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	1.498	1.338	1.968	0.176	0.363	0.602	0.304	0.954	1.945	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.752								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	12.	129.4	1100.	1.5	117102.878	342.203	1.5	3.375	55.5	999.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	1.065	1.169	3.041	0.176	0.784	0.886	0.176	0.496	1.717	2.934
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.763								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	14	9.	17.143	93.	1.5	552.055	23.496	1.5	1.5	23.	58.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	14	0.954	0.929	1.968	0.176	0.321	0.566	0.176	0.176	1.362	1.665
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.489								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	13	0.	0.098	0.79	0.	0.057	0.239	0.	0.	0.025	0.646
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	13	0.22	0.588	2.37	0.	0.615	0.784	0.	0.	0.95	2.182

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	4.	17.95	75.	1.5	908.858	30.147	1.5	1.5	25.5	75.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	0.602	0.764	1.875	0.176	0.405	0.637	0.176	0.176	1.184	1.875
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.809								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	17.5	22.15	93.	1.5	675.558	25.992	2.05	8.5	23.	86.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	1.239	1.142	1.968	0.176	0.214	0.463	0.243	0.927	1.362	1.908
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.871								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

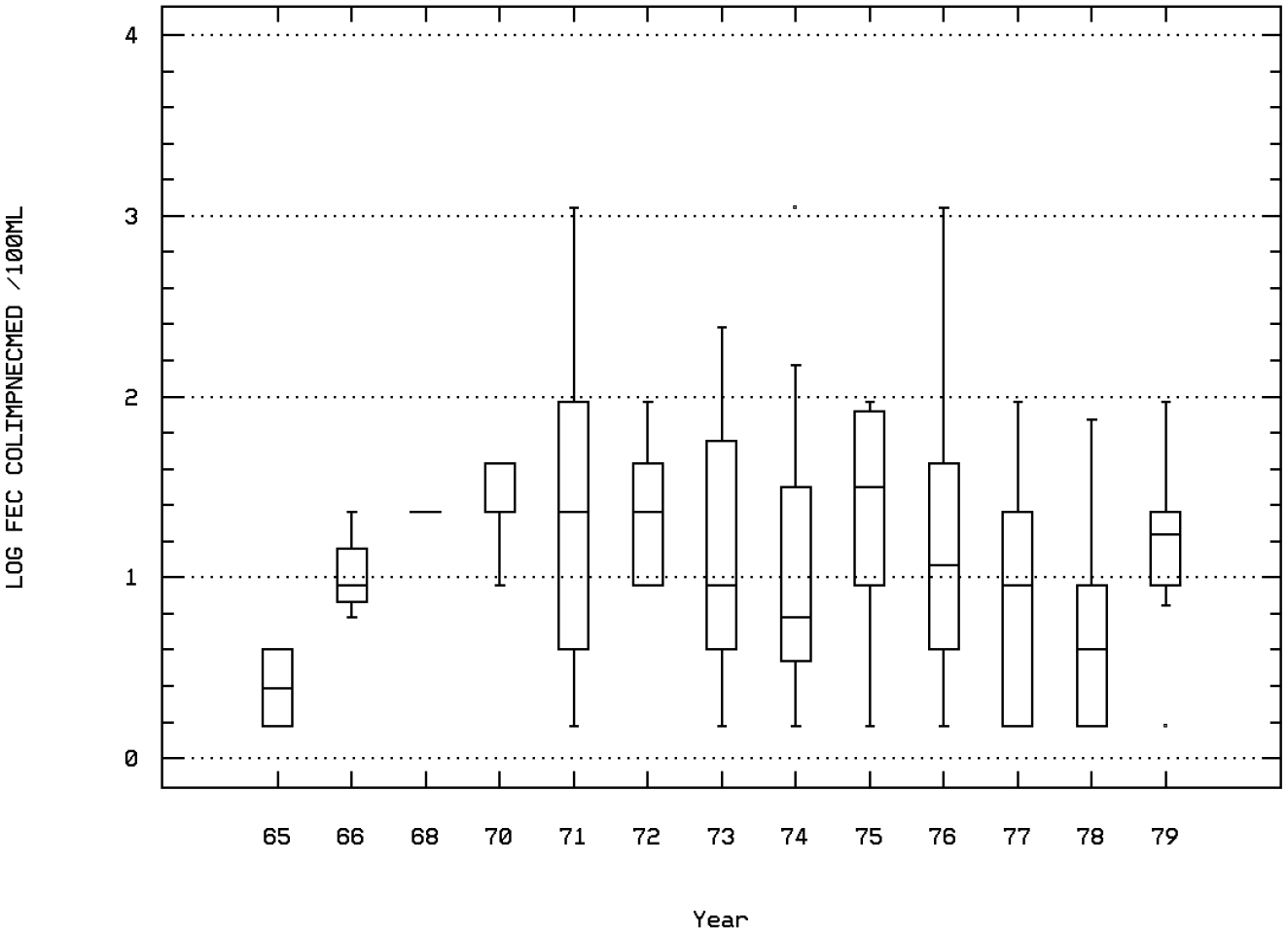
Annual Analysis for 1982 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0061 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	39	9.	51.846	1100.	1.5	30739.502	175.327	1.5	4.	43.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	39	0.954	1.07	3.041	0.176	0.458	0.677	0.176	0.602	1.633	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.749								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	50	0.	0.178	2.25	0.	0.165	0.406	0.	0.	0.213	0.672
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	50	0.545	0.809	4.17	0.	1.031	1.015	0.	0.028	0.98	2.361

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0061

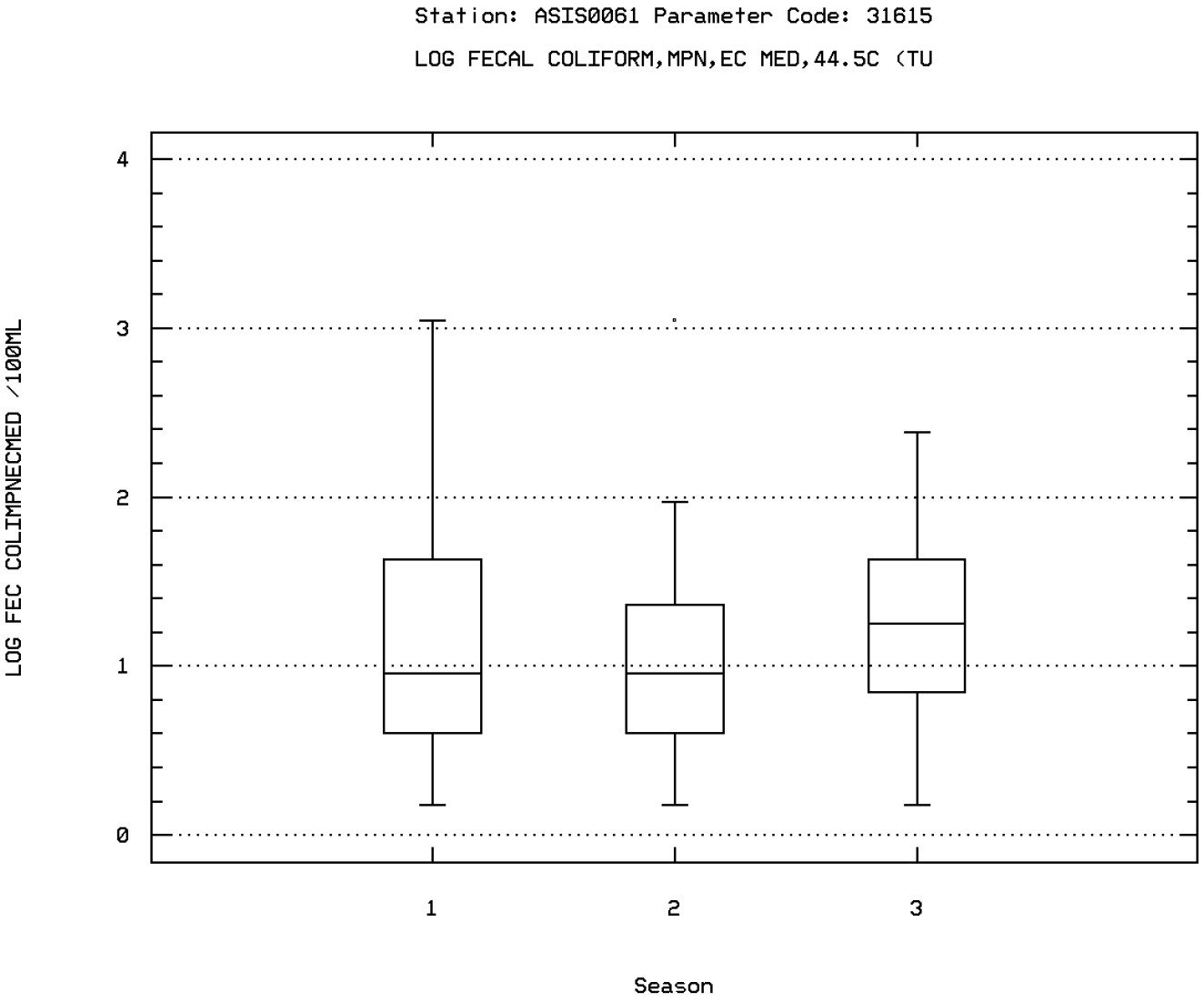
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	39	9.	75.782	1100.	1.5	58987.116	242.873	1.5	4.	23.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	39	0.954	1.042	3.041	0.176	0.553	0.744	0.176	0.602	1.362	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.018								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	44	0.	0.133	1.35	0.	0.085	0.291	0.	0.	0.108	0.485
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	44	0.5	0.887	4.93	0.	1.229	1.109	0.	0.	1.363	2.69

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	36	18.	37.444	240.	1.5	2434.068	49.336	3.7	7.	43.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	36	1.249	1.245	2.38	0.176	0.326	0.571	0.565	0.845	1.633	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.568								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.759	5.75	0.	1.237	1.112	0.	0.	1.22	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



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Station Inventory for Station: ASIS0062

NPS Station ID: ASIS0062 LAT/LON: 37.933893/ -75.349448 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10139G
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 17.490 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010023700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	43	4.	19.279	240.	1.5	2673.825	51.709	1.5	1.5	9.	35.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	43	0.602	0.691	2.38	0.176	0.35	0.591	0.176	0.176	0.954	1.525
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.908								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	03/13/72-11/30/82	18	3.6	4.911	15.	1.5	16.559	4.069	1.5	1.5	9.1	9.69
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	03/13/72-11/30/82	18	0.556	0.55	1.176	0.176	0.13	0.361	0.176	0.176	0.959	0.981
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.551								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	61	0.	0.21	2.25	0.	0.238	0.488	0.	0.	0.065	0.816
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	61	0.54	1.02	5.75	0.	1.41	1.188	0.	0.225	1.51	2.992

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0062

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	43	2	0.05	13	2	0.15	16	0	0.00	14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	13	4.	48.231	240.	1.5	7857.609	88.643	1.5	1.5	58.	240.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	13	0.602	0.935	2.38	0.176	0.681	0.825	0.176	0.176	1.665	2.38
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.614								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	21	0.	0.311	2.25	0.	0.335	0.579	0.	0.	0.575	1.188
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	21	0.64	0.926	3.75	0.	0.842	0.918	0.06	0.4	1.	2.45

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	16 ##	2.75	5.25	23.	1.5	37.133	6.094	1.5	1.5	7.75	17.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	16 ##	0.389	0.516	1.362	0.176	0.166	0.407	0.176	0.176	0.866	1.232
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.284								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	19	0.	0.111	1.35	0.	0.104	0.323	0.	0.	0.03	0.51
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	19	0.37	0.993	3.11	0.	1.445	1.202	0.	0.	2.12	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	14	4.	8.429	43.	1.5	135.264	11.63	1.5	1.5	10.25	33.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-08/06/79	14	0.602	0.663	1.633	0.176	0.212	0.46	0.176	0.176	1.002	1.498
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.607								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	21	0.	0.199	2.	0.	0.264	0.514	0.	0.	0.005	1.12
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	21	0.5	1.138	5.75	0.	2.064	1.437	0.	0.185	1.9	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0063

NPS Station ID: ASIS0063 LAT/LON: 37.934448/ -75.337226 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10140A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 19.070 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-05/23/79	40	4.	19.688	460.	1.5	5357.137	73.192	1.5	1.5	8.5	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-05/23/79	40	0.602	0.636	2.663	0.176	0.326	0.571	0.176	0.176	0.927	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.328								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	10 ##	1.5	4.58	15.	1.5	23.035	4.799	1.5	1.5	9.1	14.41
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	10 ##	0.176	0.471	1.176	0.176	0.167	0.409	0.176	0.176	0.959	1.154
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.956								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	50	0.	0.228	2.25	0.	0.275	0.524	0.	0.	0.063	1.162
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	50	0.605	1.028	5.75	0.	1.44	1.2	0.	0.22	1.455	3.007

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0063

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	40	1	0.03	14	1	0.07	14	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-05/23/79	14	4.	43.536	460.	1.5	14936.633	122.216	1.5	1.5	10.5	276.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-05/23/79	14	0.602	0.786	2.663	0.176	0.548	0.74	0.176	0.176	1.01	2.316
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.11								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	19	0.	0.319	2.25	0.	0.366	0.605	0.	0.	0.68	1.28
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	19	0.65	0.978	3.75	0.	0.904	0.951	0.02	0.47	1.02	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-05/23/79	14 ##	1.5	2.929	9.	1.5	4.533	2.129	1.5	1.5	4.	6.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-05/23/79	14 ##	0.176	0.384	0.954	0.176	0.07	0.264	0.176	0.176	0.602	0.778
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.42								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	15	0.	0.141	1.35	0.	0.129	0.359	0.	0.	0.1	0.846
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	15	0.5	1.023	3.05	0.	1.366	1.169	0.	0.03	2.12	3.038

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-05/23/79	12	4.	11.417	43.	1.5	179.811	13.409	1.5	1.5	23.	37.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-05/23/79	12	0.602	0.756	1.633	0.176	0.3	0.547	0.176	0.176	1.362	1.552
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.704								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	16	0.	0.201	2.	0.	0.32	0.565	0.	0.	0.	1.44
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-10/05/81	16	0.545	1.093	5.75	0.	2.336	1.528	0.	0.038	1.35	3.853

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0064

NPS Station ID: ASIS0064 LAT/LON: 37.934726/ -75.379170 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10112
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 5.900 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	48	9.	29.031	460.	1.5	4714.579	68.663	1.5	4.	23.	76.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	48	0.954	0.987	2.663	0.176	0.374	0.611	0.176	0.602	1.362	1.884
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.714								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	02/29/80-11/30/82	27	15.	125.826	1100.	1.5	87968.608	296.595	1.5	3.6	43.	588.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	02/29/80-11/30/82	27	1.176	1.241	3.041	0.176	0.741	0.861	0.176	0.556	1.633	2.738
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			17.399								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	27	60.	197.963	2070.	5.	169335.114	411.503	10.	10.	240.	492.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	27	1.778	1.751	3.316	0.699	0.482	0.695	1.	1.	2.38	2.689
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			56.401								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	06/22/76-06/22/76	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	06/22/76-06/22/76	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	73	0.	0.196	2.25	0.	0.197	0.444	0.	0.	0.14	0.796
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	73	0.5	0.903	5.75	0.	1.219	1.104	0.	0.09	1.325	2.68

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	48	1	0.02	16	0	0.00	16	0	0.00	16	1	0.06			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1966 - Station ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.5	0.65	1.6	0.	0.623	0.79	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	1.09	1.423	2.4	0.64	0.604	0.777	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.075	0.363	1.35	0.	0.301	0.549	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.325	0.457	1.4	0.	0.316	0.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.22	0.22	0.22	0.22	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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	1.02	1.441	3.05	0.	1.546	1.244	0.	0.315	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.055	0.348	1.28	0.	0.389	0.624	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.51	1.028	2.84	0.25	1.488	1.22	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.092	0.82	0.	0.074	0.273	0.	0.	0.005	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.5	0.674	1.71	0.15	0.331	0.575	0.15	0.23	1.135	1.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	16	9.	25.594	93.	1.5	939.274	30.648	1.5	4.	43.	80.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	16	0.954	1.053	1.968	0.176	0.381	0.618	0.176	0.602	1.633	1.903
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.303								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	27	0.	0.282	2.25	0.	0.276	0.525	0.	0.	0.47	0.912
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	27	0.58	0.793	3.75	0.	0.796	0.892	0.	0.21	0.98	2.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0064

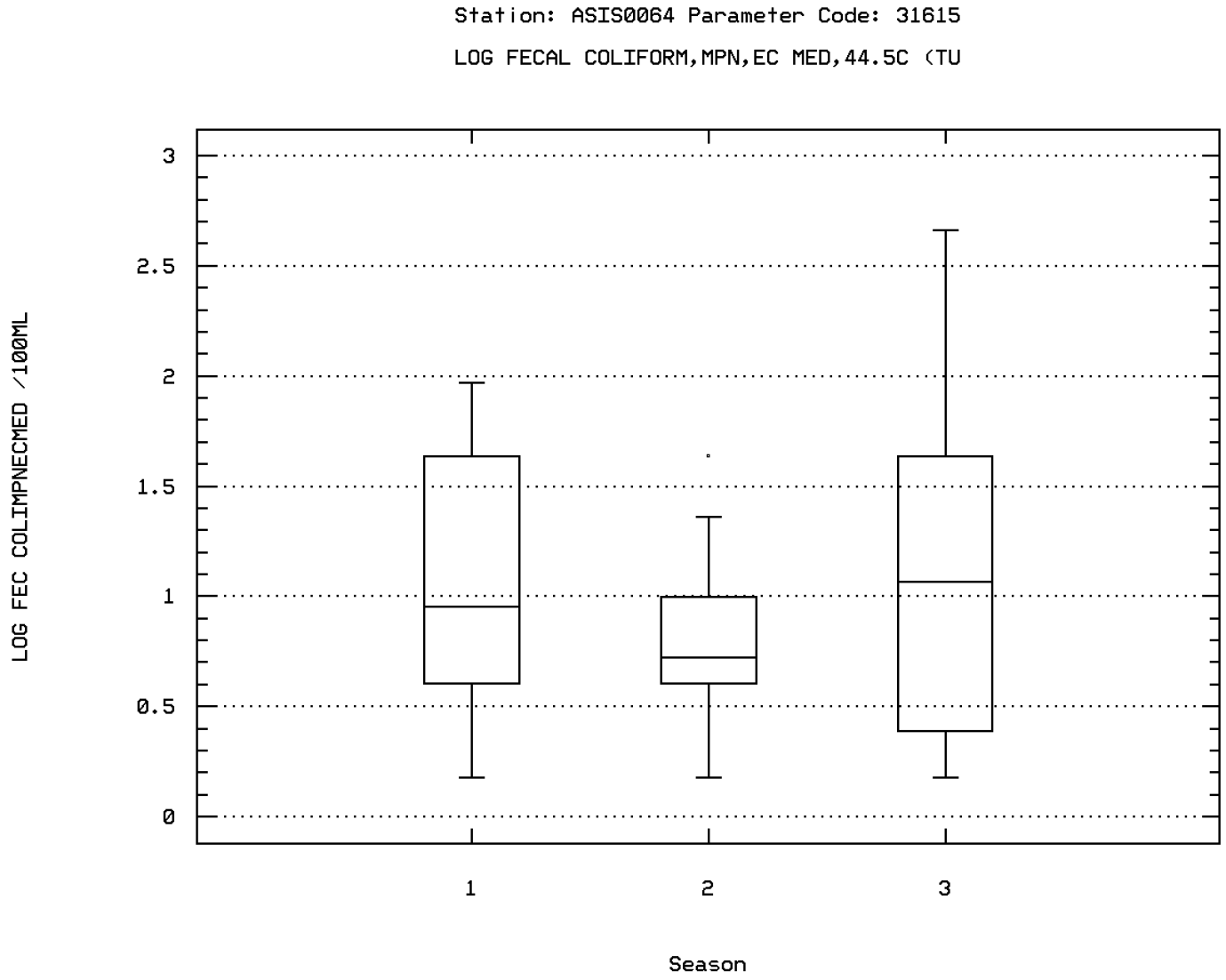
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	16	5.5	9.938	43.	1.5	120.563	10.98	1.5	4.	10.5	29.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	16	0.724	0.81	1.633	0.176	0.163	0.404	0.176	0.602	1.02	1.443
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.458								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	21	0.	0.137	1.35	0.	0.095	0.308	0.	0.	0.14	0.468
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	21	0.5	0.853	3.11	0.	1.108	1.052	0.	0.	1.325	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	16	12.	51.563	460.	1.5	12769.529	113.002	1.5	2.125	43.	203.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	16	1.065	1.099	2.663	0.176	0.574	0.758	0.176	0.283	1.633	2.177
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.559								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	25	0.	0.153	2.	0.	0.2	0.447	0.	0.	0.	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	25	0.48	1.063	5.75	0.	1.828	1.352	0.	0.185	1.55	2.92

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0065

NPS Station ID: ASIS0065 LAT/LON: 37.935559/ -75.385837 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10110A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 6.050 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.12 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	87	3.	7.511	150.	1.5	379.663	19.485	1.5	1.5	4.	10.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	87	0.477	0.511	2.176	0.176	0.191	0.437	0.176	0.176	0.602	0.999
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.24								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	21	3.6	13.529	150.	1.5	1019.023	31.922	1.5	1.5	10.05	22.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	21	0.556	0.699	2.176	0.176	0.294	0.543	0.176	0.176	1.	1.354
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			5.001								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/23/79-10/05/81	2	10.	10.	10.	10.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	05/23/79-10/05/81	2	1.	1.	1.	1.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			10.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	106	0.	0.127	1.35	0.	0.078	0.28	0.	0.	0.058	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	106	0.49	0.792	4.93	0.	1.029	1.015	0.	0.	0.99	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0065

			Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	87	0	0.00	29	0	0.00	30	0	0.00	28	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1972 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	4	3.	2.875	4.	1.5	1.063	1.031	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	4	0.477	0.433	0.602	0.176	0.033	0.181	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.711								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	4	1.69	1.595	2.4	0.6	0.888	0.942	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	12 ##	2.75	4.083	15.	1.5	16.674	4.083	1.5	1.5	4.	13.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	12 ##	0.389	0.466	1.176	0.176	0.12	0.347	0.176	0.176	0.602	1.11
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.926								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	16 ##	2.25	13.438	93.	1.5	640.929	25.317	1.5	1.5	7.75	58.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	16 ##	0.327	0.618	1.968	0.176	0.372	0.61	0.176	0.176	0.866	1.734
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.146								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	12	4.	6.542	23.	1.5	44.975	6.706	1.5	1.5	9.	20.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	12	0.602	0.615	1.362	0.176	0.193	0.439	0.176	0.176	0.954	1.306
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.118								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	10 ##	1.5	3.	9.	1.5	5.833	2.415	1.5	1.5	4.	8.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	10 ##	0.176	0.382	0.954	0.176	0.081	0.284	0.176	0.176	0.602	0.919
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.408								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	13	4.	5.269	23.	1.5	35.109	5.925	1.5	1.5	6.5	17.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	13	0.602	0.551	1.362	0.176	0.142	0.376	0.176	0.176	0.778	1.199
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.555								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	12	0.	0.102	0.79	0.	0.062	0.25	0.	0.	0.	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	12	0.	0.399	2.37	0.	0.495	0.704	0.	0.	0.663	1.944

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	10 ##	1.5	2.5	4.	1.5	1.667	1.291	1.5	1.5	4.	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	10 ##	0.176	0.346	0.602	0.176	0.048	0.22	0.176	0.176	0.602	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.221								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	10 ##	1.5	17.6	150.	1.5	2169.878	46.582	1.5	1.5	5.25	135.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	10 ##	0.176	0.539	2.176	0.176	0.406	0.637	0.176	0.176	0.69	2.054
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.46								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	9	0.	0.094	0.82	0.	0.074	0.272	0.	0.	0.015	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	9	0.5	0.64	1.71	0.22	0.195	0.442	0.22	0.36	0.715	1.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	4	0.125	0.138	0.3	0.	0.026	0.16	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	4	0.29	0.36	0.86	0.	0.186	0.431	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	6	0.1	0.245	0.8	0.	0.106	0.326	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	6	0.47	0.857	3.11	0.23	1.231	1.11	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	29	4.	4.759	43.	1.5	59.85	7.736	1.5	1.5	4.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	29	0.602	0.477	1.633	0.176	0.128	0.358	0.176	0.176	0.602	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.998								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	37	0.	0.149	1.28	0.	0.088	0.297	0.	0.	0.225	0.702
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	37	0.56	0.786	4.17	0.	0.979	0.989	0.	0.03	0.98	2.396

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	30 ##	1.5	9.55	150.	1.5	773.885	27.819	1.5	1.5	4.	21.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	30 ##	0.176	0.468	2.176	0.176	0.251	0.501	0.176	0.176	0.602	1.321
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.937								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	34	0.	0.144	1.35	0.	0.102	0.319	0.	0.	0.103	0.64
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	34	0.5	0.922	4.93	0.	1.37	1.171	0.	0.	1.643	2.815

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	28	4.	8.179	93.	1.5	302.8	17.401	1.5	1.5	7.75	15.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	28	0.602	0.591	1.968	0.176	0.198	0.444	0.176	0.176	0.866	1.195
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.901								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	35	0.	0.087	0.8	0.	0.047	0.217	0.	0.	0.	0.552
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	35	0.24	0.672	3.04	0.	0.781	0.884	0.	0.	1.18	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0066

NPS Station ID: ASIS0066 LAT/LON: 37.936115/ -75.374726 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10113
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 5.760 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0066

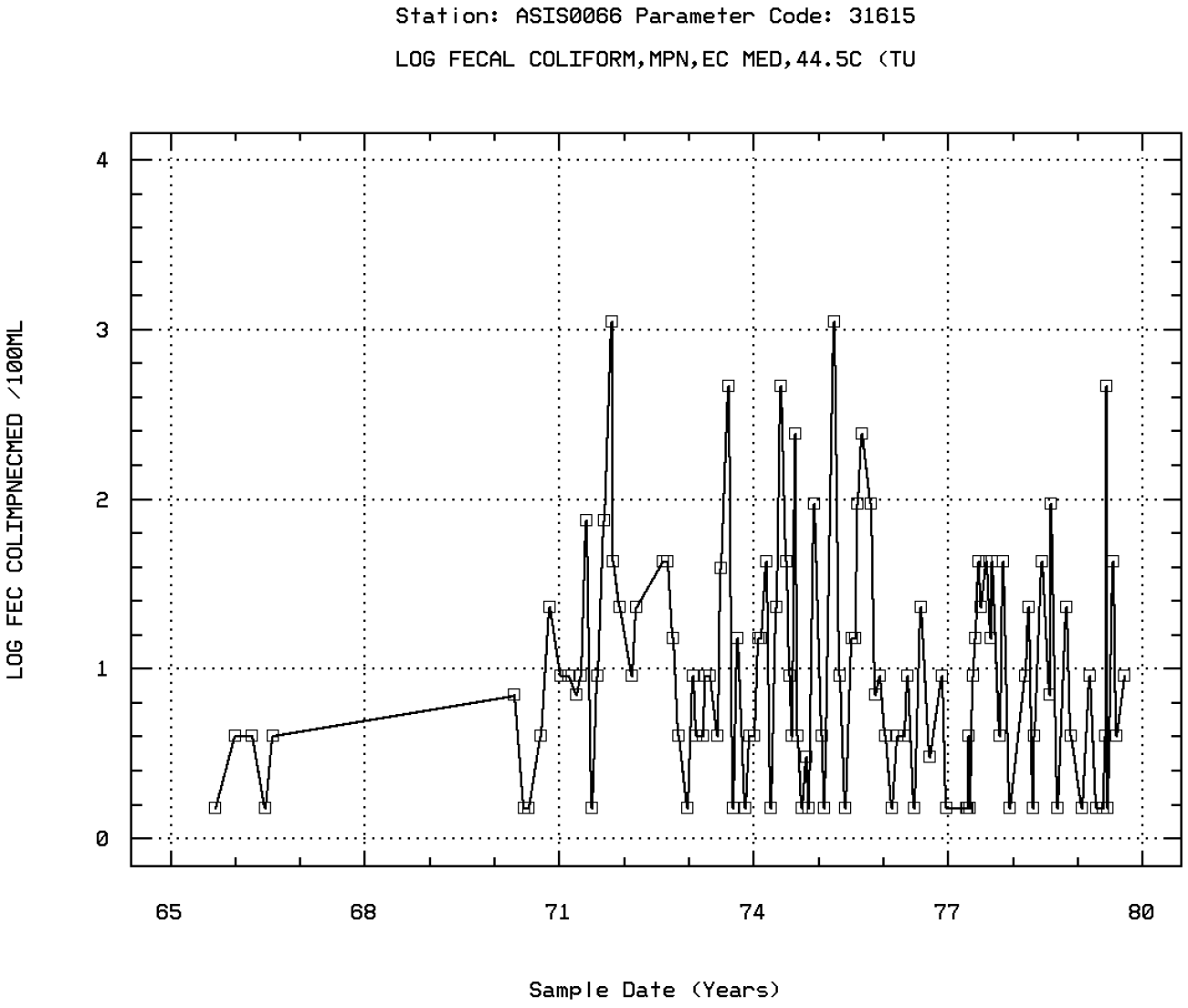
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	112	9.	51.	1100.	1.5	26616.464	163.146	1.5	3.25	23.	87.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	112	0.954	0.971	3.041	0.176	0.482	0.694	0.176	0.508	1.362	1.94
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.344								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	29	9.1	23.197	240.	1.5	2280.58	47.755	1.5	2.25	23.	43.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	29	0.959	0.916	2.38	0.176	0.361	0.601	0.176	0.327	1.362	1.633
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			8.239								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	34	40.	141.765	670.	5.	41719.519	204.254	5.	10.	187.5	555.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	34	1.602	1.664	2.826	0.699	0.49	0.7	0.699	1.	2.272	2.743
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			46.166								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-01/22/75	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/22/75-01/22/75	1	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			9.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	138	0.	0.149	2.25	0.	0.128	0.358	0.	0.	0.058	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	138	0.465	0.825	5.75	0.	1.158	1.076	0.	0.	1.128	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0066

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	112	7	0.06	39	1	0.03	37	3	0.08	36	3	0.08			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



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Annual Analysis for 1965 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	4	4.	3.375	4.	1.5	1.563	1.25	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	4	0.602	0.496	0.602	0.176	0.045	0.213	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.13								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.5	0.65	1.6	0.	0.623	0.79	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	5	4.	7.4	23.	1.5	81.175	9.01	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	5	0.602	0.632	1.362	0.176	0.249	0.499	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.288								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	11	9.	123.682	1100.	1.5	105573.414	324.921	2.6	9.	75.	895.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	11	0.954	1.33	3.041	0.176	0.575	0.758	0.31	0.954	1.875	2.808
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			21.357								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	7	15.	19.786	43.	1.5	301.821	17.373	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	7	1.176	1.077	1.633	0.176	0.294	0.542	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.933								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	7	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	7	0.98	1.306	2.4	0.6	0.6	0.775	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	6.5	46.667	460.	1.5	17047.652	130.567	1.5	4.	13.5	333.7
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	0.778	0.921	2.663	0.176	0.461	0.679	0.176	0.602	1.121	2.341
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.339								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	16	12.	60.031	460.	1.5	15000.716	122.477	1.5	3.25	43.	306.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	16	1.065	1.11	2.663	0.176	0.613	0.783	0.176	0.508	1.633	2.465
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.879								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	12.	132.333	1100.	1.5	97766.742	312.677	1.5	4.75	93.	842.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	1.065	1.285	3.041	0.176	0.78	0.883	0.176	0.663	1.968	2.843
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.27								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	4.	6.05	23.	1.5	43.192	6.572	1.5	1.5	9.	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	0.602	0.608	1.362	0.176	0.154	0.392	0.176	0.176	0.954	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.057								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	14	12.	17.714	43.	1.5	315.681	17.767	1.5	1.5	43.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	14	1.065	0.936	1.633	0.176	0.367	0.606	0.176	0.176	1.633	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.639								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	13	0.	0.098	0.79	0.	0.057	0.239	0.	0.	0.025	0.646
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	13	0.22	0.588	2.37	0.	0.615	0.784	0.	0.	0.95	2.182

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	8.	20.9	93.	1.5	817.156	28.586	1.5	3.375	28.	88.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	0.9	0.968	1.968	0.176	0.366	0.605	0.176	0.496	1.43	1.935
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.292								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	4.	53.5	460.	1.5	20558.833	143.384	1.5	1.5	17.5	418.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	0.602	0.811	2.663	0.176	0.65	0.806	0.176	0.176	1.124	2.56
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.476								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.094	0.82	0.	0.074	0.272	0.	0.	0.015	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.5	0.601	1.71	0.15	0.221	0.47	0.15	0.23	0.715	1.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

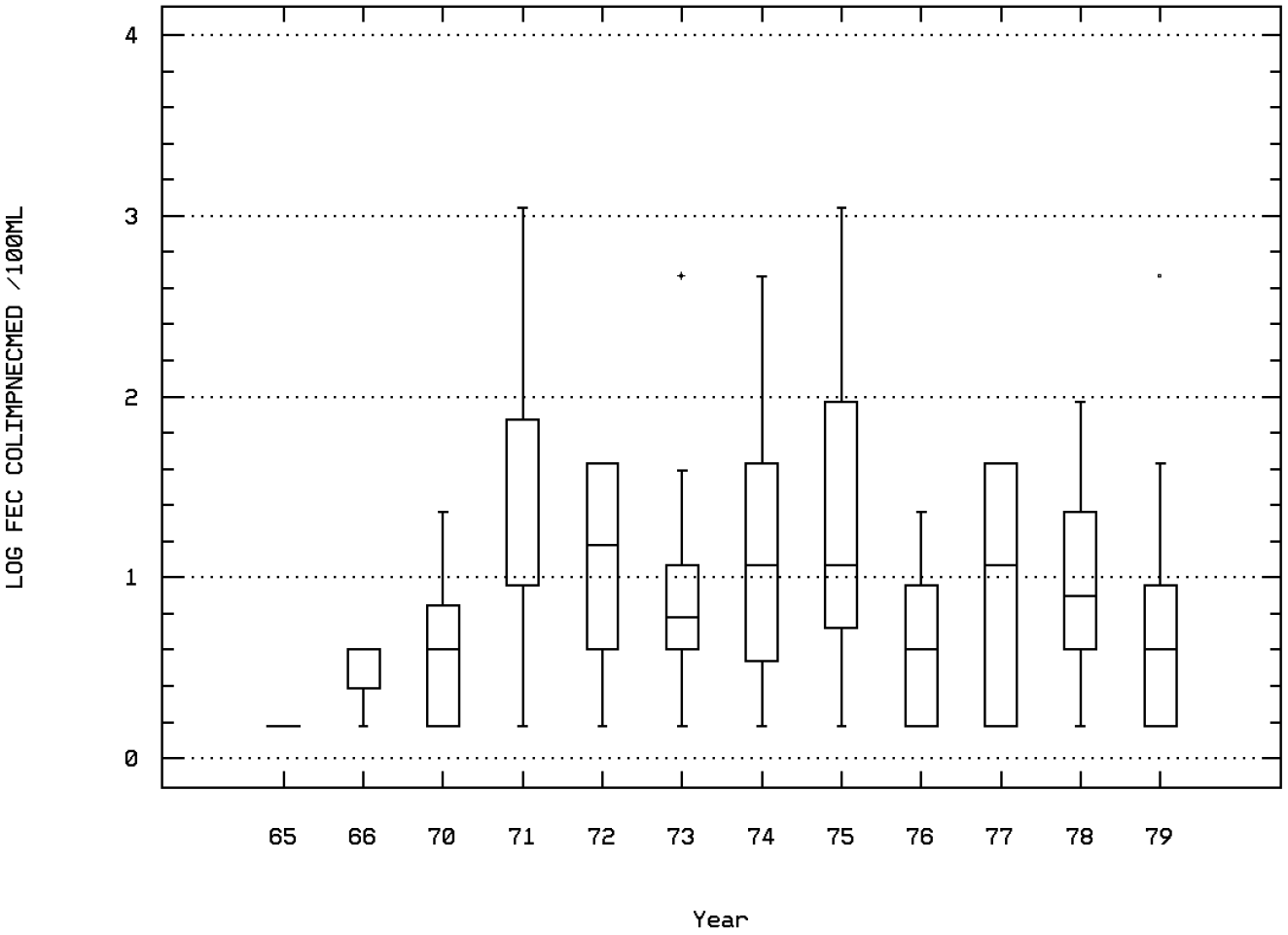
Annual Analysis for 1982 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0066 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	39	9.	42.744	1100.	1.5	30658.564	175.096	1.5	4.	23.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	39	0.954	0.909	3.041	0.176	0.386	0.622	0.176	0.602	1.362	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.115								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	50	0.	0.178	2.25	0.	0.165	0.406	0.	0.	0.213	0.672
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	50	0.545	0.809	4.17	0.	1.031	1.015	0.	0.028	0.98	2.361

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0066

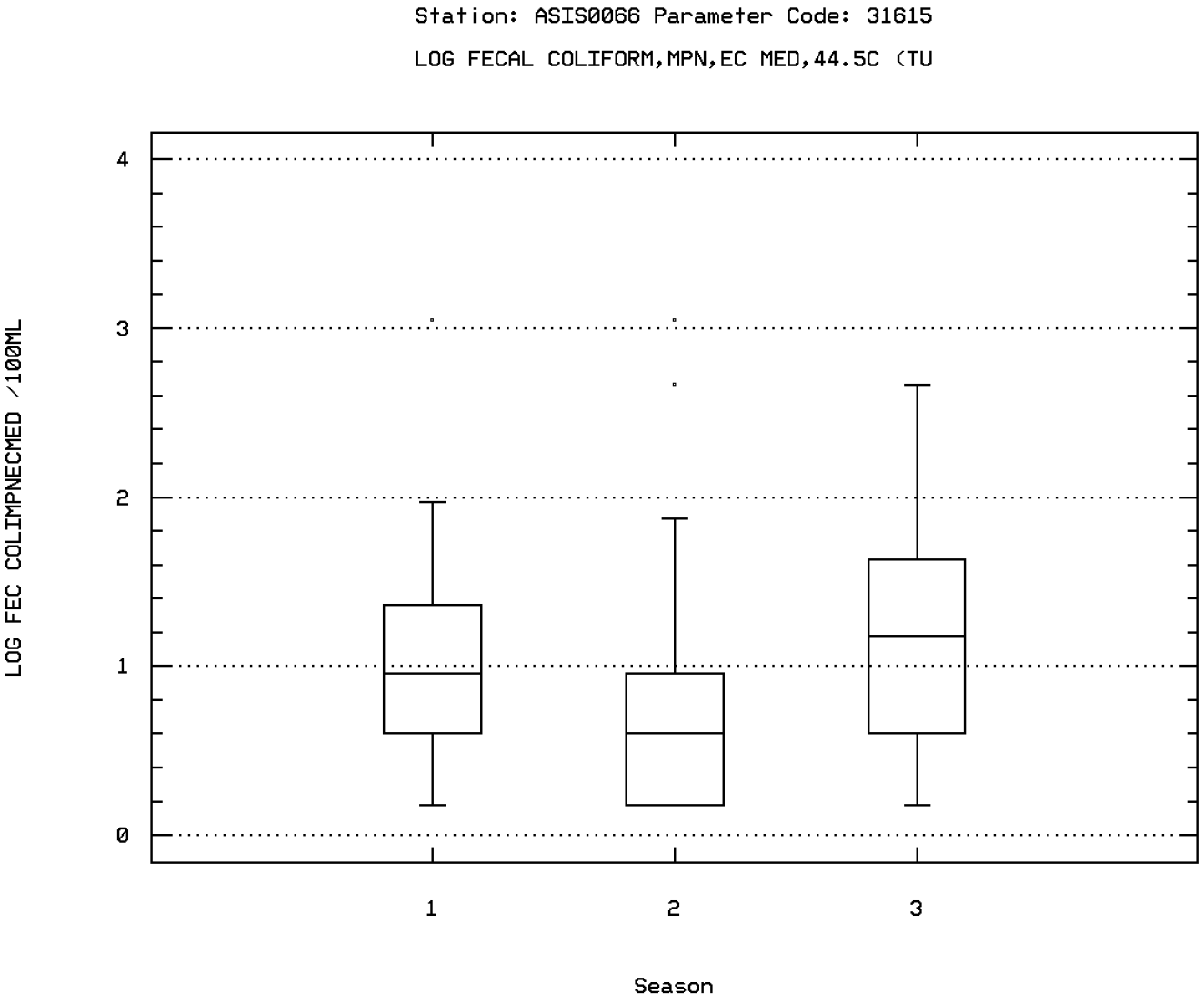
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	37	4.	63.784	1100.	1.5	41500.424	203.717	1.5	1.5	12.	152.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	37	0.602	0.858	3.041	0.176	0.564	0.751	0.176	0.176	1.065	2.033
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.215								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.	0.139	1.35	0.	0.088	0.297	0.	0.	0.125	0.495
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	42	0.55	0.917	4.93	0.	1.265	1.125	0.	0.	1.45	2.734

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	36	15.	46.806	460.	1.5	8172.804	90.404	1.5	4.	43.	137.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	36	1.176	1.152	2.663	0.176	0.478	0.691	0.176	0.602	1.633	2.092
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.2								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.759	5.75	0.	1.237	1.112	0.	0.	1.22	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0067

NPS Station ID: ASIS0067 LAT/LON: 37.936670/ -75.347781 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10139F
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 17.740 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010023400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	104	4.	21.659	460.	1.5	4572.05	67.617	1.5	1.5	9.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	104	0.602	0.736	2.663	0.176	0.339	0.582	0.176	0.176	0.954	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.445								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	29	3.6	8.966	93.	1.5	305.906	17.49	1.5	1.5	9.1	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	29	0.556	0.599	1.968	0.176	0.246	0.496	0.176	0.176	0.959	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.973								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	131	0.	0.161	2.25	0.	0.142	0.376	0.	0.	0.08	0.664
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	131	0.5	0.868	5.75	0.	1.225	1.107	0.	0.02	1.2	2.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0067

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	104	2	0.02	36	1	0.03	35	0	0.00	33	1	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1969 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3 ##	1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3 ##	0.176	0.318	0.602	0.176	0.06	0.246	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.4	1.2	0.	0.48	0.693	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.177	0.53	0.	0.094	0.306	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	7.	37.111	150.	4.	2442.611	49.423	4.	4.	59.	150.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.845	1.175	2.176	0.602	0.417	0.646	0.602	0.602	1.754	2.176
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.949								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.529	2.25	0.	0.851	0.922	0.	0.	1.255	2.25
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.47	1.744	5.75	0.	4.137	2.034	0.	0.14	3.275	5.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	6.5	17.7	93.	4.	757.344	27.52	4.	4.	23.	86.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.778	0.961	1.968	0.602	0.22	0.469	0.602	0.602	1.362	1.908
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.143								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	1.09	1.376	3.03	0.03	0.927	0.963	0.081	0.615	2.4	2.967

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	7.	51.227	460.	1.5	18536.118	136.147	1.5	1.5	23.	376.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	0.845	0.922	2.663	0.176	0.561	0.749	0.176	0.176	1.362	2.457
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.359								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.156	1.	0.	0.104	0.323	0.	0.	0.2	0.904
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.09	0.61	2.58	0.	0.918	0.958	0.	0.	1.28	2.504

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	4.	17.375	150.	1.5	1383.483	37.195	1.5	1.5	19.	75.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	0.602	0.73	2.176	0.176	0.376	0.613	0.176	0.176	1.233	1.796
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.377								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	4.	45.458	460.	1.5	17172.748	131.045	1.5	2.125	9.	334.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.602	0.812	2.663	0.176	0.507	0.712	0.176	0.283	0.954	2.354
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.485								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	2.75	6.15	23.	1.5	46.781	6.84	1.5	1.5	9.	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.389	0.571	1.362	0.176	0.205	0.453	0.176	0.176	0.954	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.721								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	4.	15.885	150.	1.5	1644.34	40.55	1.5	1.5	9.	96.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	0.602	0.645	2.176	0.176	0.332	0.576	0.176	0.176	0.874	1.776
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.419								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	3.	4.222	9.	1.5	10.569	3.251	1.5	1.5	8.	9.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.477	0.504	0.954	0.176	0.12	0.347	0.176	0.176	0.9	0.954
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.192								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	4.	4.	9.	1.5	8.333	2.887	1.5	1.5	5.25	9.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.602	0.502	0.954	0.176	0.097	0.312	0.176	0.176	0.69	0.954
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.178								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.094	0.82	0.	0.074	0.272	0.	0.	0.015	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.5	0.581	1.71	0.15	0.221	0.47	0.15	0.23	0.715	1.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

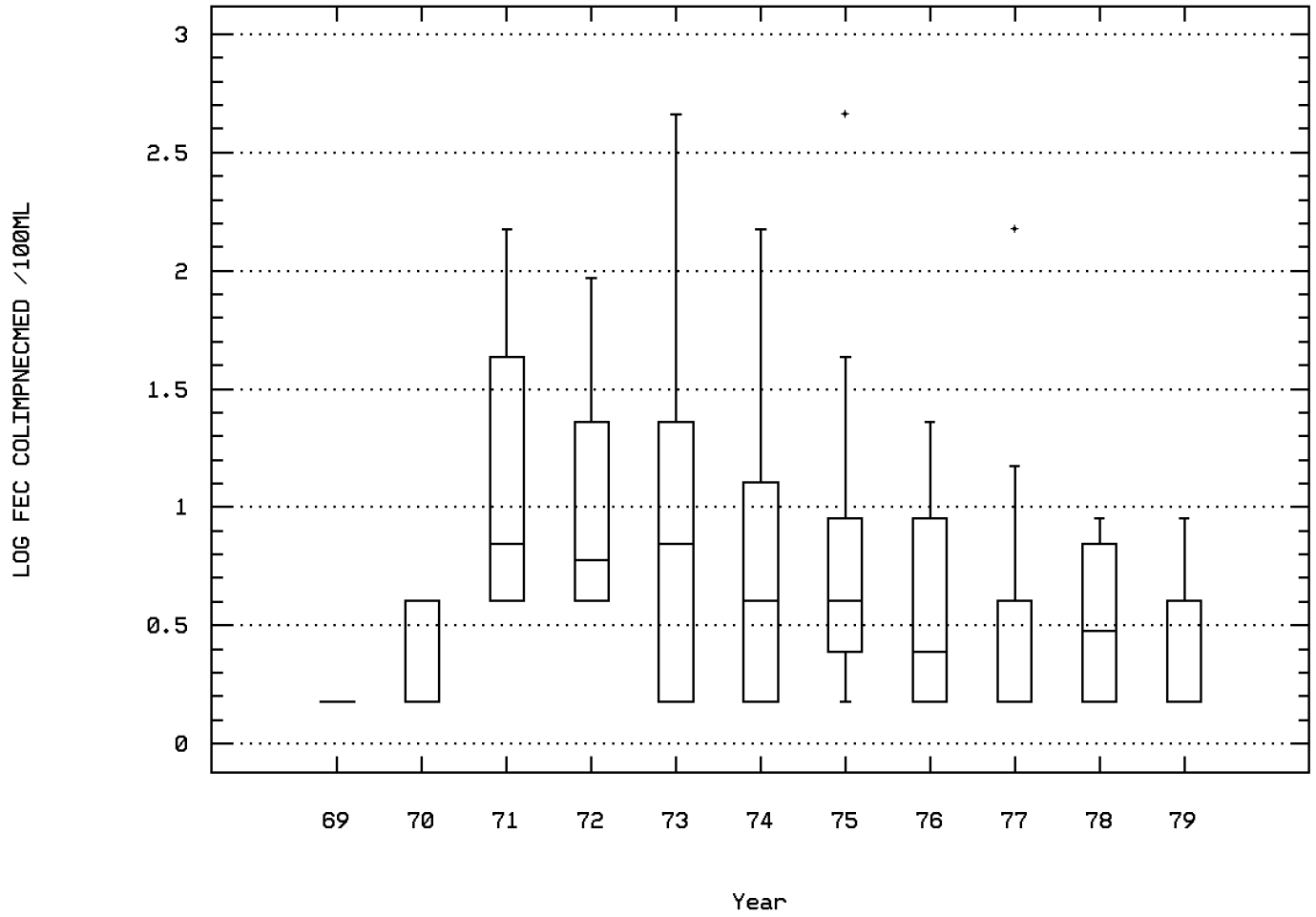
Annual Analysis for 1982 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0067 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	4.	30.278	460.	1.5	6779.806	82.34	1.5	3.25	9.	110.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	0.602	0.826	2.663	0.176	0.408	0.639	0.176	0.508	0.954	2.031
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.698								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	47	0.	0.179	2.25	0.	0.172	0.415	0.	0.	0.2	0.702
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	47	0.56	0.862	4.17	0.	1.052	1.025	0.	0.07	0.98	2.396

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	35	4.	10.386	150.	1.5	685.325	26.179	1.5	1.5	9.	26.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	35	0.602	0.58	2.176	0.176	0.257	0.507	0.176	0.176	0.954	1.359
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.799								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	40	0.	0.14	1.35	0.	0.092	0.303	0.	0.	0.108	0.505
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	40	0.55	1.019	4.93	0.	1.402	1.184	0.	0.	1.733	3.007

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	4.	24.212	460.	1.5	6343.422	79.646	1.5	2.75	16.	35.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	0.602	0.804	2.663	0.176	0.329	0.574	0.176	0.389	1.158	1.525
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.362								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	44	0.	0.161	2.	0.	0.16	0.4	0.	0.	0.008	0.77
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	44	0.305	0.736	5.75	0.	1.269	1.127	0.	0.	1.195	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0068

NPS Station ID: ASIS0068 LAT/LON: 37.937505/ -75.343893 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10139C
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 18.240 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142902.60 RF3 Mile Point: 4.38 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	08/11/75-06/22/76	2	33.8	33.8	34.4	33.2	0.72	0.849	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	105	4.	13.8	460.	1.5	2304.431	48.004	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	105	0.602	0.654	2.663	0.176	0.266	0.516	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.506								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30 ##	1.5	4.353	23.	1.5	24.673	4.967	1.5	1.5	4.975	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30 ##	0.176	0.455	1.362	0.176	0.138	0.371	0.176	0.176	0.657	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.854								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	133	0.	0.156	2.25	0.	0.139	0.372	0.	0.	0.065	0.648
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	133	0.5	0.863	5.75	0.	1.209	1.1	0.	0.01	1.19	2.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0068

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	105	1	0.01	37	1	0.03	36	0	0.00	32	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1969 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3 ##	1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3 ##	0.176	0.318	0.602	0.176	0.06	0.246	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.4	1.2	0.	0.48	0.693	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.177	0.53	0.	0.094	0.306	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	9.	67.611	460.	1.5	22167.236	148.887	1.5	4.	49.	460.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.954	1.172	2.663	0.176	0.566	0.752	0.176	0.602	1.618	2.663
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.867								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.529	2.25	0.	0.851	0.922	0.	0.	1.255	2.25
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.47	1.744	5.75	0.	4.137	2.034	0.	0.14	3.275	5.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	4.	7.5	23.	1.5	64.	8.	1.5	1.5	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	0.602	0.678	1.362	0.176	0.182	0.426	0.176	0.176	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.766								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	4.	16.042	93.	1.5	740.384	27.21	1.5	1.5	19.5	78.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.602	0.746	1.968	0.176	0.401	0.633	0.176	0.176	1.26	1.868
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.577								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	4.	15.75	150.	1.5	1326.167	36.417	1.5	4.	9.	61.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	0.602	0.778	2.176	0.176	0.251	0.501	0.176	0.602	0.954	1.606
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.003								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11 ##	1.5	9.	43.	1.5	171.85	13.109	1.5	1.5	11.	39.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11 ##	0.176	0.604	1.633	0.176	0.305	0.552	0.176	0.176	1.041	1.579
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.022								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.08	0.33	0.	0.019	0.137	0.	0.	0.193	0.329
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.97	0.938	2.28	0.	0.754	0.868	0.	0.023	1.728	2.263

** - 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 box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	2.75	5.65	23.	1.5	46.114	6.791	1.5	1.5	9.	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.389	0.535	1.362	0.176	0.188	0.433	0.176	0.176	0.954	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.431								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	4.	5.885	23.	1.5	41.84	6.468	1.5	1.5	8.	19.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	0.602	0.577	1.362	0.176	0.167	0.409	0.176	0.176	0.9	1.287
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.776								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	1.5	2.667	7.	1.5	3.813	1.953	1.5	1.5	4.	7.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	0.176	0.345	0.845	0.176	0.069	0.263	0.176	0.176	0.602	0.845
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.214								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	4.	4.9	15.	1.5	19.1	4.37	1.5	1.5	7.5	14.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.602	0.549	1.176	0.176	0.134	0.367	0.176	0.176	0.872	1.154
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.537								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.17	0.208	0.85	0.	0.076	0.275	0.	0.	0.3	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

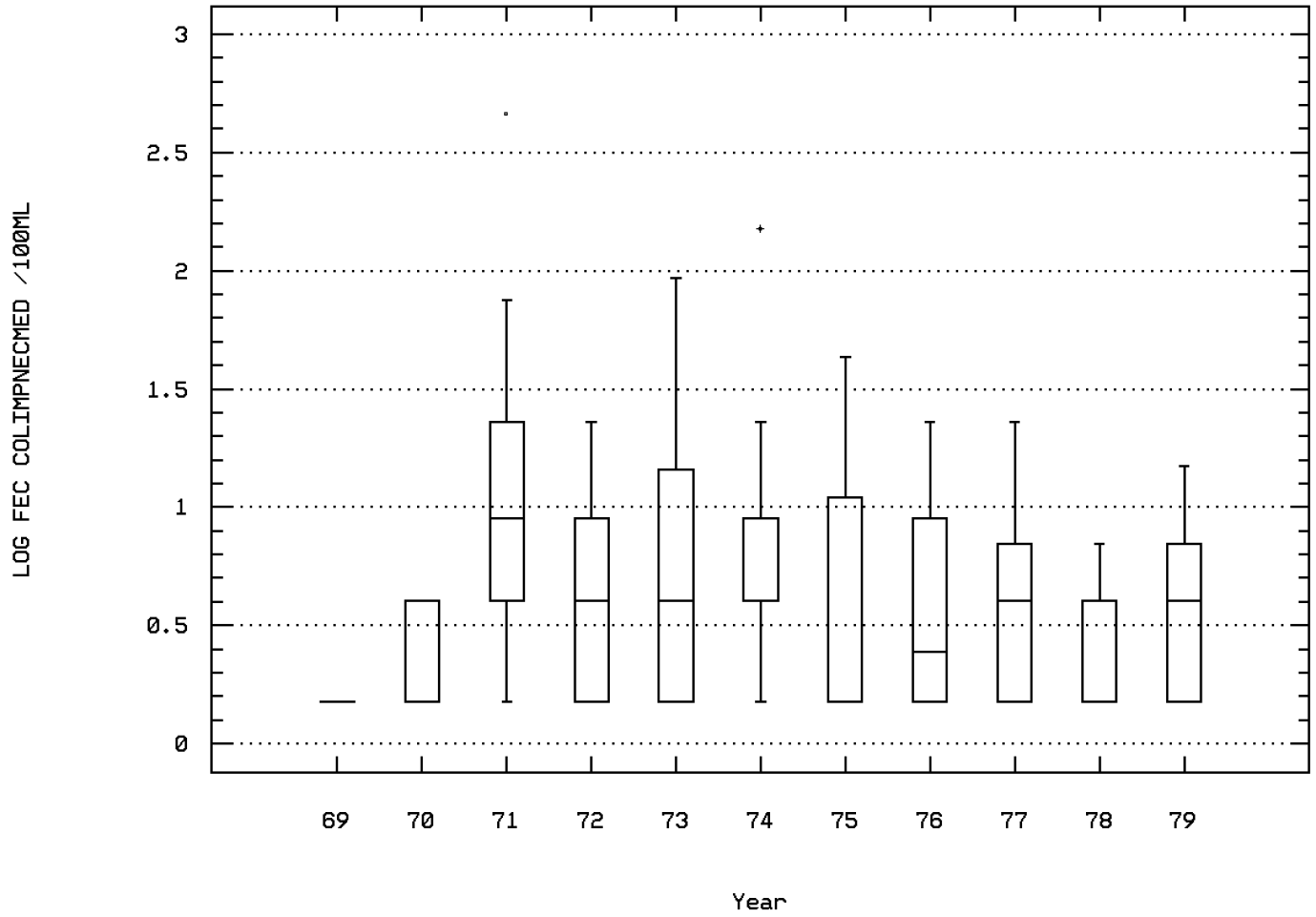
Annual Analysis for 1982 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0068 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	37	4.	25.432	460.	1.5	5775.53	75.997	1.5	4.	23.	49.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	37	0.602	0.867	2.663	0.176	0.34	0.583	0.176	0.602	1.362	1.682
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.366								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	48	0.	0.169	2.25	0.	0.166	0.407	0.	0.	0.17	0.691
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	48	0.57	0.856	4.17	0.	1.031	1.015	0.	0.075	0.98	2.383

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36 ##	2.25	8.222	150.	1.5	610.849	24.715	1.5	1.5	4.	10.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36 ##	0.327	0.509	2.176	0.176	0.198	0.445	0.176	0.176	0.602	1.021
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.227								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	42	0.	0.133	1.35	0.	0.088	0.297	0.	0.	0.103	0.495
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	42	0.55	0.987	4.93	0.	1.361	1.167	0.	0.	1.658	2.961

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	32	4.	6.625	43.	1.5	83.484	9.137	1.5	1.5	7.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	32	0.602	0.57	1.633	0.176	0.189	0.435	0.176	0.176	0.845	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.716								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	43	0.	0.165	2.	0.	0.163	0.404	0.	0.	0.01	0.776
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	43	0.37	0.75	5.75	0.	1.29	1.136	0.	0.	1.2	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0069

NPS Station ID: ASIS0069 LAT/LON: 37.938059/ -75.340005 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10139B
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 18.480 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142902.60 RF3 Mile Point: 4.47 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	08/11/75-06/22/76	2	33.8	33.8	34.4	33.2	0.72	0.849	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	104	4.	13.12	460.	1.5	2226.663	47.188	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	104	0.602	0.657	2.663	0.176	0.239	0.489	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.542								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30	3.	4.993	43.	1.5	59.934	7.742	1.5	1.5	4.975	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30	0.477	0.49	1.633	0.176	0.139	0.373	0.176	0.176	0.657	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.091								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	132	0.	0.148	2.25	0.	0.131	0.362	0.	0.	0.05	0.576
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	132	0.5	0.868	5.75	0.	1.215	1.102	0.	0.03	1.195	2.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0069

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	104	1	0.01	36	1	0.03	36	0	0.00	32	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1969 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	2	16.	16.	23.	9.	98.	9.899	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	2	1.158	1.158	1.362	0.954	0.083	0.288	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.387								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	2	0.265	0.265	0.53	0.	0.14	0.375	**	**	**	**

** - 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 box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	9.	65.944	460.	1.5	22675.528	150.584	1.5	4.	51.	460.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.954	1.053	2.663	0.176	0.605	0.778	0.176	0.602	1.461	2.663
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.296								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.529	2.25	0.	0.851	0.922	0.	0.	1.255	2.25
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.47	1.704	5.75	0.	4.273	2.067	0.	0.02	3.275	5.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	9.	10.091	43.	1.5	137.041	11.706	1.5	4.	11.	37.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	0.954	0.807	1.633	0.176	0.186	0.431	0.176	0.602	1.041	1.542
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.405								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	4.	14.625	93.	1.5	736.688	27.142	1.95	4.	6.25	78.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.602	0.776	1.968	0.176	0.257	0.507	0.266	0.602	0.784	1.868
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.973								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	15	4.	12.833	93.	1.5	539.31	23.223	1.5	4.	9.	51.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	15	0.602	0.772	1.968	0.176	0.246	0.496	0.176	0.602	0.954	1.604
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.921								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	15	0.	0.105	0.74	0.	0.047	0.218	0.	0.	0.08	0.572
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	15	0.45	0.859	4.17	0.	1.242	1.114	0.	0.	1.28	2.868

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12 ##	2.75	4.75	23.	1.5	37.886	6.155	1.5	1.5	4.	18.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12 ##	0.389	0.482	1.362	0.176	0.147	0.383	0.176	0.176	0.602	1.239
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.032								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	2.75	3.55	9.	1.5	7.025	2.65	1.5	1.5	4.75	8.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.389	0.449	0.954	0.176	0.095	0.308	0.176	0.176	0.663	0.943
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.809								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	4.	6.077	23.	1.5	34.494	5.873	1.5	1.5	9.	17.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	0.602	0.629	1.362	0.176	0.144	0.379	0.176	0.176	0.954	1.199
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.26								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	1.5	4.5	21.	1.5	39.75	6.305	1.5	1.5	4.	21.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	0.176	0.445	1.322	0.176	0.151	0.388	0.176	0.176	0.602	1.322
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.789								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	1.5	4.65	23.	1.5	47.281	6.876	1.5	1.5	5.25	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.176	0.415	1.362	0.176	0.18	0.424	0.176	0.176	0.69	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.601								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.17	0.208	0.85	0.	0.076	0.275	0.	0.	0.3	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

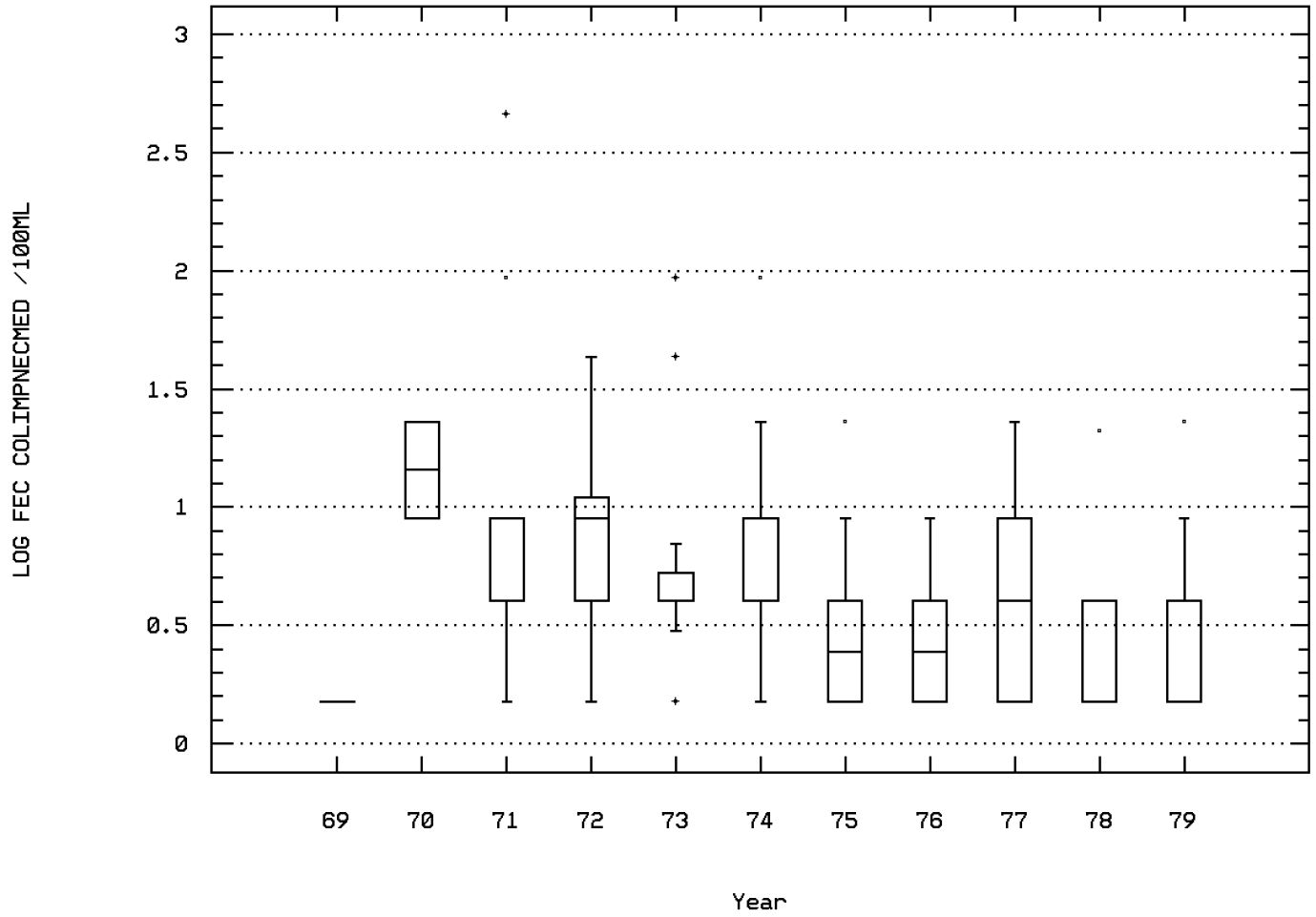
Annual Analysis for 1982 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0069 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	4.	24.722	460.	1.5	6042.021	77.73	1.5	1.5	10.5	58.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	0.602	0.771	2.663	0.176	0.363	0.602	0.176	0.176	1.02	1.734
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.909								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	47	0.	0.173	2.25	0.	0.169	0.411	0.	0.	0.2	0.702
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	47	0.58	0.875	4.17	0.	1.037	1.018	0.	0.09	0.98	2.396

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	4.	6.5	93.	1.5	236.2	15.369	1.5	1.5	4.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	0.602	0.514	1.968	0.176	0.161	0.401	0.176	0.176	0.602	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.267								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	42	0.	0.133	1.35	0.	0.088	0.297	0.	0.	0.103	0.495
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	42	0.55	0.987	4.93	0.	1.361	1.167	0.	0.	1.658	2.961

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	32	4.	7.516	43.	1.5	70.314	8.385	1.5	1.5	9.	19.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	32	0.602	0.69	1.633	0.176	0.163	0.403	0.176	0.176	0.954	1.278
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.892								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	43	0.	0.137	2.	0.	0.138	0.371	0.	0.	0.	0.684
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	43	0.24	0.745	5.75	0.	1.295	1.138	0.	0.	1.2	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0070

NPS Station ID: ASIS0070 LAT/LON: 37.938337/ -75.330003 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10137A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 18.510 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010117400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	08/11/75-09/06/77	3	34.4	34.333	35.4	33.2	1.213	1.102	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	96 ##	1.5	6.411	93.	1.5	140.71	11.862	1.5	1.5	6.25	16.7
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	96 ##	0.176	0.513	1.968	0.176	0.189	0.435	0.176	0.176	0.784	1.211
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.26								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	29 ##	1.5	6.066	43.	1.5	78.567	8.864	1.5	1.5	9.1	15.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	29 ##	0.176	0.52	1.633	0.176	0.192	0.438	0.176	0.176	0.959	1.176
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.312								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	122	0.	0.161	2.25	0.	0.146	0.383	0.	0.	0.058	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	123	0.48	0.874	5.75	0.	1.257	1.121	0.	0.	1.28	2.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0070

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	96	0	0.00	32	0	0.00	34	0	0.00	30	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	2	0.6	0.6	1.2	0.	0.72	0.849	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	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 box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	6	18.5	26.	93.	1.5	1170.3	34.21	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	6	1.254	1.032	1.968	0.176	0.515	0.717	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.757								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	6	0.	0.708	2.25	0.	1.21	1.1	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	6	2.525	2.472	5.75	0.	4.69	2.166	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	9 ##	1.5	4.833	14.	1.5	21.875	4.677	1.5	1.5	9.	14.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	9 ##	0.176	0.504	1.146	0.176	0.171	0.413	0.176	0.176	0.954	1.146
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.192								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	1.2	1.469	3.03	0.03	0.945	0.972	0.03	0.78	2.4	3.03

** - 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 1973 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12	4.	8.708	43.	1.5	153.657	12.396	1.5	1.5	8.5	37.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12	0.602	0.644	1.633	0.176	0.252	0.502	0.176	0.176	0.927	1.552
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.402								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	14	4.	6.429	43.	1.5	117.379	10.834	1.5	1.5	5.25	26.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	14	0.602	0.543	1.633	0.176	0.181	0.425	0.176	0.176	0.69	1.294
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.495								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	14	0.	0.113	0.74	0.	0.05	0.224	0.	0.	0.123	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	14	0.395	0.853	4.17	0.	1.371	1.171	0.	0.	1.403	3.085

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12 ##	1.5	4.875	23.	1.5	40.597	6.372	1.5	1.5	7.75	18.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12 ##	0.176	0.465	1.362	0.176	0.171	0.414	0.176	0.176	0.866	1.239
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.919								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	1.5	2.75	9.	1.5	5.903	2.43	1.5	1.5	4.	8.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	0.176	0.339	0.954	0.176	0.078	0.279	0.176	0.176	0.602	0.919
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.183								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.575	0.575	1.4	0.	0.246	0.496	0.002	0.058	0.855	1.395

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	13 ##	1.5	4.154	23.	1.5	34.974	5.914	1.5	1.5	4.	16.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	13 ##	0.176	0.417	1.362	0.176	0.137	0.37	0.176	0.176	0.602	1.155
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.613								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	8 ##	1.5	2.75	9.	1.5	7.143	2.673	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	8 ##	0.176	0.327	0.954	0.176	0.087	0.294	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.121								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	8	0.915	1.338	3.04	0.	1.158	1.076	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10	4.	5.65	23.	1.5	41.947	6.477	1.5	1.5	5.25	21.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10	0.602	0.585	1.362	0.176	0.138	0.372	0.176	0.176	0.69	1.321
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.85								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.	0.003	0.02	0.	0.	0.007	0.	0.	0.005	0.02
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.5	0.579	1.71	0.15	0.22	0.469	0.15	0.23	0.705	1.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	8	0.	0.163	0.8	0.	0.093	0.305	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.33	0.652	3.11	0.	0.909	0.954	0.	0.19	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	32	3.5	8.734	93.	1.5	286.048	16.913	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	32	0.54	0.591	1.968	0.176	0.243	0.493	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.901								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	42	0.	0.181	2.25	0.	0.18	0.424	0.	0.	0.213	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	42	0.585	0.899	4.17	0.	1.166	1.08	0.	0.028	1.043	2.461

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	34 ##	1.5	4.868	43.	1.5	63.323	7.958	1.5	1.5	4.75	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	34 ##	0.176	0.444	1.633	0.176	0.156	0.395	0.176	0.176	0.663	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.781								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	40	0.	0.127	1.35	0.	0.089	0.298	0.	0.	0.088	0.457
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	40	0.64	0.994	4.93	0.	1.275	1.129	0.	0.008	1.615	2.778

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	30 ##	2.75	5.683	43.	1.5	73.819	8.592	1.5	1.5	4.	14.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	30 ##	0.389	0.509	1.633	0.176	0.17	0.413	0.176	0.176	0.602	1.146
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.225								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	40	0.	0.173	2.	0.	0.175	0.418	0.	0.	0.008	0.794
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	41	0.23	0.732	5.75	0.	1.361	1.166	0.	0.	1.19	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0071

NPS Station ID: ASIS0071 LAT/LON: 37.938337/ -75.368892 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10114
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 5.360 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-07/14/80	50	7.	35.872	1100.	0.6	23951.997	154.764	1.5	1.5	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-07/14/80	50	0.845	0.852	3.041	-0.222	0.41	0.64	0.176	0.176	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.105								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-11/30/82	23	20.	73.822	1100.	1.5	50930.931	225.679	1.5	3.6	43.	93.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-11/30/82	23	1.301	1.178	3.041	0.176	0.545	0.738	0.176	0.556	1.633	1.968
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			15.067								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	24	55.	213.333	2510.	5.	259194.928	509.112	7.5	10.	207.5	480.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	24	1.739	1.752	3.4	0.699	0.505	0.711	0.849	1.	2.317	2.677
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			56.468								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	71	0.	0.202	2.25	0.	0.202	0.449	0.	0.	0.17	0.798
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	72	0.515	1.212	23.	0.	8.007	2.83	0.	0.06	1.363	2.828

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0071

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	50	1	0.02	16	1	0.06	16	0	0.00	18	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1966 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.5	0.65	1.6	0.	0.623	0.79	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	1.09	1.423	2.4	0.64	0.604	0.777	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.325	0.457	1.4	0.	0.316	0.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.22	0.22	0.22	0.22	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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	1.02	1.373	3.05	0.	1.714	1.309	0.	0.015	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.51	1.028	2.84	0.25	1.488	1.22	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	7	0.48	0.571	1.71	0.15	0.29	0.538	**	**	**	**

** - 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 box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.5	3.244	23.	0.21	55.698	7.463	0.21	0.28	1.98	23.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-07/14/80	16	8.	84.375	1100.	1.5	73643.117	271.373	1.5	2.125	43.	360.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-07/14/80	16	0.9	1.036	3.041	0.176	0.614	0.783	0.176	0.283	1.633	2.056
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.853								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	26	0.	0.293	2.25	0.	0.284	0.533	0.	0.	0.502	0.958
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	26	0.555	0.763	3.75	0.	0.802	0.896	0.	0.165	0.935	2.325

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-07/14/80	16 ##	2.75	7.625	43.	1.5	124.783	11.171	1.5	1.5	9.	29.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-07/14/80	16 ##	0.389	0.579	1.633	0.176	0.242	0.492	0.176	0.176	0.954	1.443
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.794								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	20	0.	0.144	1.35	0.	0.099	0.314	0.	0.	0.155	0.489
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	20	0.55	2.021	23.	0.	25.5	5.05	0.	0.	1.94	3.104

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

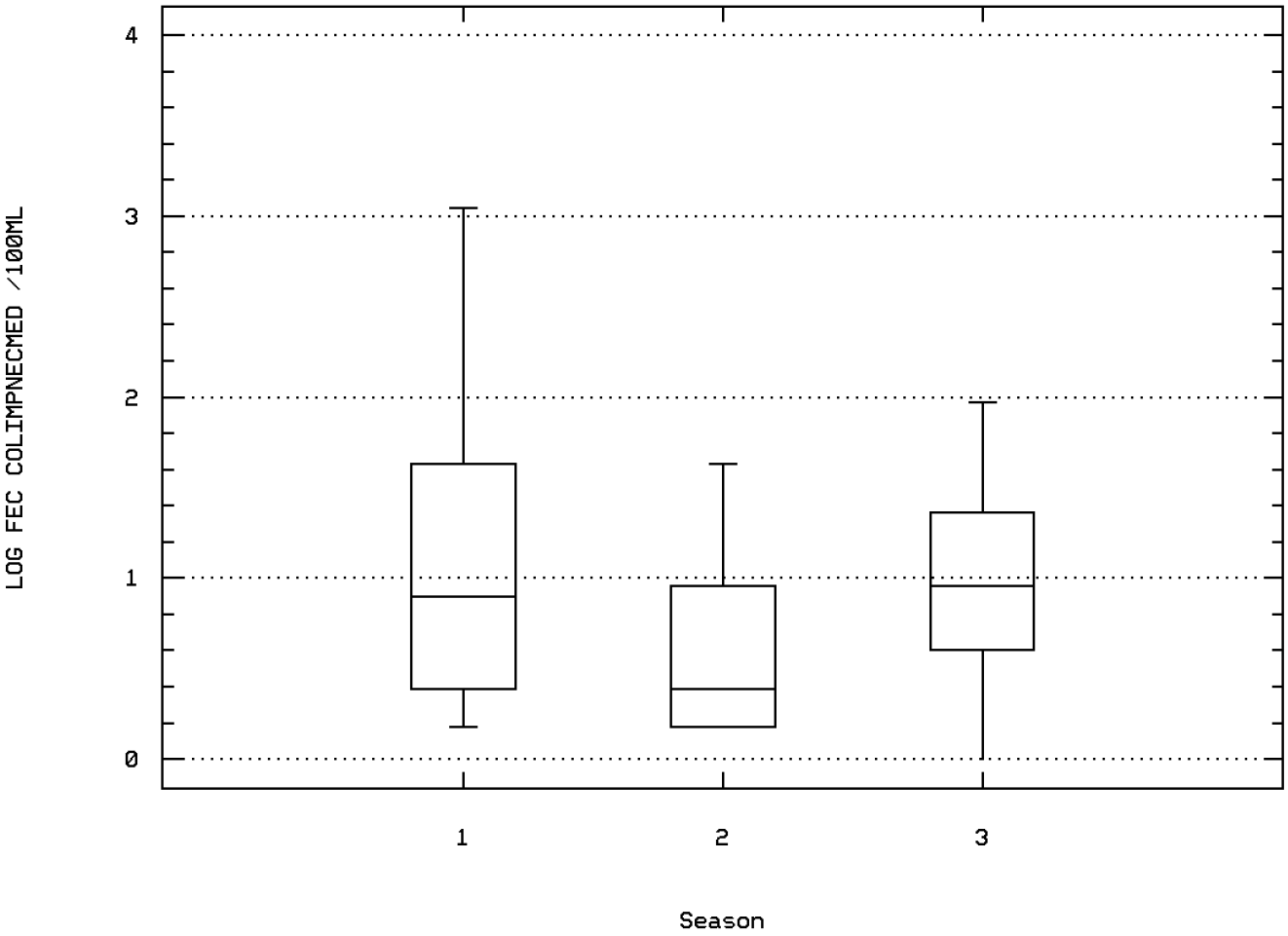
Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-07/14/80	18	9.	17.867	93.	0.6	640.408	25.306	1.41	4.	23.	76.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-07/14/80	18	0.954	0.93	1.968	-0.222	0.318	0.564	0.136	0.602	1.362	1.884
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.517								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	25	0.	0.153	2.	0.	0.2	0.447	0.	0.	0.	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	26	0.465	1.038	5.75	0.	1.792	1.339	0.	0.113	1.525	2.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0071 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0072

NPS Station ID: ASIS0072 LAT/LON: 37.938615/ -75.331392 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10138A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 18.510 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010116800.00 RF3 Mile Point: 0.56 Distance from RF3: 0.15 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/23/71-02/23/71	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	02/23/71-06/22/76	2	33.15	33.15	33.2	33.1	0.005	0.071	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	38	4.	17.026	460.	1.5	5502.026	74.176	1.5	1.5	4.	10.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	38	0.602	0.562	2.663	0.176	0.251	0.501	0.176	0.176	0.602	0.995
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.652								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	9 ##	1.5	2.578	9.1	1.5	6.464	2.543	1.5	1.5	2.55	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	9 ##	0.176	0.305	0.959	0.176	0.076	0.276	0.176	0.176	0.366	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.02								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	47	0.	0.231	2.25	0.	0.289	0.538	0.	0.	0.05	1.216
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	47	0.64	1.138	5.75	0.	1.607	1.268	0.	0.22	2.12	3.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	38	1	0.03	13	1	0.08	13	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13	4.	42.385	460.	1.5	15891.798	126.063	1.5	1.5	13.5	293.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13	0.602	0.702	2.663	0.176	0.571	0.755	0.176	0.176	0.982	2.251
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.032								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	18	0.	0.337	2.25	0.	0.381	0.617	0.	0.	0.708	1.377
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	18	0.675	0.973	3.75	0.	0.99	0.995	0.	0.235	1.193	2.625

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	1.5	2.731	6.	1.5	2.317	1.522	1.5	1.5	4.	5.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	0.176	0.377	0.778	0.176	0.055	0.234	0.176	0.176	0.602	0.708
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.38								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	14	0.	0.115	1.35	0.	0.128	0.358	0.	0.	0.063	0.73
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	14	0.55	1.096	3.05	0.	1.385	1.177	0.	0.195	2.29	3.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12	4.	5.042	9.	1.5	9.612	3.1	1.5	2.125	9.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12	0.602	0.613	0.954	0.176	0.094	0.307	0.176	0.283	0.954	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.102								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	15	0.	0.213	2.	0.	0.34	0.583	0.	0.	0.	1.52
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	15	0.63	1.376	5.75	0.	2.695	1.642	0.	0.	2.4	4.124

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0073

NPS Station ID: ASIS0073 LAT/LON: 37.938892/ -75.338059 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10139A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 18.480 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010116800.00 RF3 Mile Point: 0.53 Distance from RF3: 0.12 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/71-09/01/71	1	22.2	22.2	22.2	22.2	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/18/69-06/22/76	6	32.3	32.35	34.4	30.6	2.311	1.52	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	105	4.	16.067	460.	1.5	2604.717	51.036	1.5	1.5	9.	25.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	105	0.602	0.73	2.663	0.176	0.282	0.531	0.176	0.176	0.954	1.396
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.365								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	29	3.6	4.438	14.	1.5	12.485	3.533	1.5	1.5	8.2	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	29	0.556	0.518	1.146	0.176	0.115	0.339	0.176	0.176	0.911	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.297								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	131	0.	0.16	2.25	0.	0.142	0.377	0.	0.	0.05	0.664
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	132	0.5	0.861	5.75	0.	1.223	1.106	0.	0.005	1.195	2.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	105	2	0.02	36	2	0.06	36	0	0.00	33	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1969 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1	15.	15.	15.	15.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1	1.176	1.176	1.176	1.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3	4.	4.833	9.	1.5	14.583	3.819	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3	0.602	0.577	0.954	0.176	0.152	0.39	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.78								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.4	1.2	0.	0.48	0.693	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.177	0.53	0.	0.094	0.306	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8	6.5	92.313	460.	1.5	28795.996	169.694	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	8	0.778	1.056	2.663	0.176	0.992	0.996	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.382								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.	0.595	2.25	0.	0.927	0.963	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	1.325	1.904	5.75	0.	4.467	2.114	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	9.	12.591	43.	1.5	160.941	12.686	1.8	4.	23.	39.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	0.954	0.9	1.633	0.176	0.202	0.449	0.236	0.602	1.362	1.579
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.945								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	4.	14.542	75.	1.5	512.112	22.63	1.5	2.125	19.5	65.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.602	0.78	1.875	0.176	0.323	0.568	0.176	0.283	1.26	1.803
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.029								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	4.	15.25	75.	1.5	435.9	20.878	1.5	4.	20.	52.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	0.602	0.875	1.875	0.176	0.263	0.513	0.176	0.602	1.282	1.706
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.497								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	4.	7.375	28.	1.5	80.142	8.952	1.5	1.5	9.	26.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.602	0.617	1.447	0.176	0.222	0.471	0.176	0.176	0.954	1.422
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.14								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	1.5	3.	9.	1.5	5.833	2.415	1.5	1.5	4.	8.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.176	0.382	0.954	0.176	0.081	0.284	0.176	0.176	0.602	0.919
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.408								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	4.	7.731	23.	1.5	53.651	7.325	1.5	2.75	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	0.602	0.721	1.362	0.176	0.162	0.403	0.176	0.389	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.255								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	4.	9.056	43.	1.5	179.465	13.396	1.5	1.5	11.5	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.602	0.66	1.633	0.176	0.252	0.502	0.176	0.176	1.05	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.575								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	2.25	6.15	23.	1.5	54.781	7.401	1.5	1.5	10.5	22.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.327	0.545	1.362	0.176	0.213	0.462	0.176	0.176	1.01	1.343
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.509								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.093	0.82	0.	0.074	0.273	0.	0.	0.01	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.5	0.603	1.71	0.15	0.22	0.469	0.15	0.23	0.715	1.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

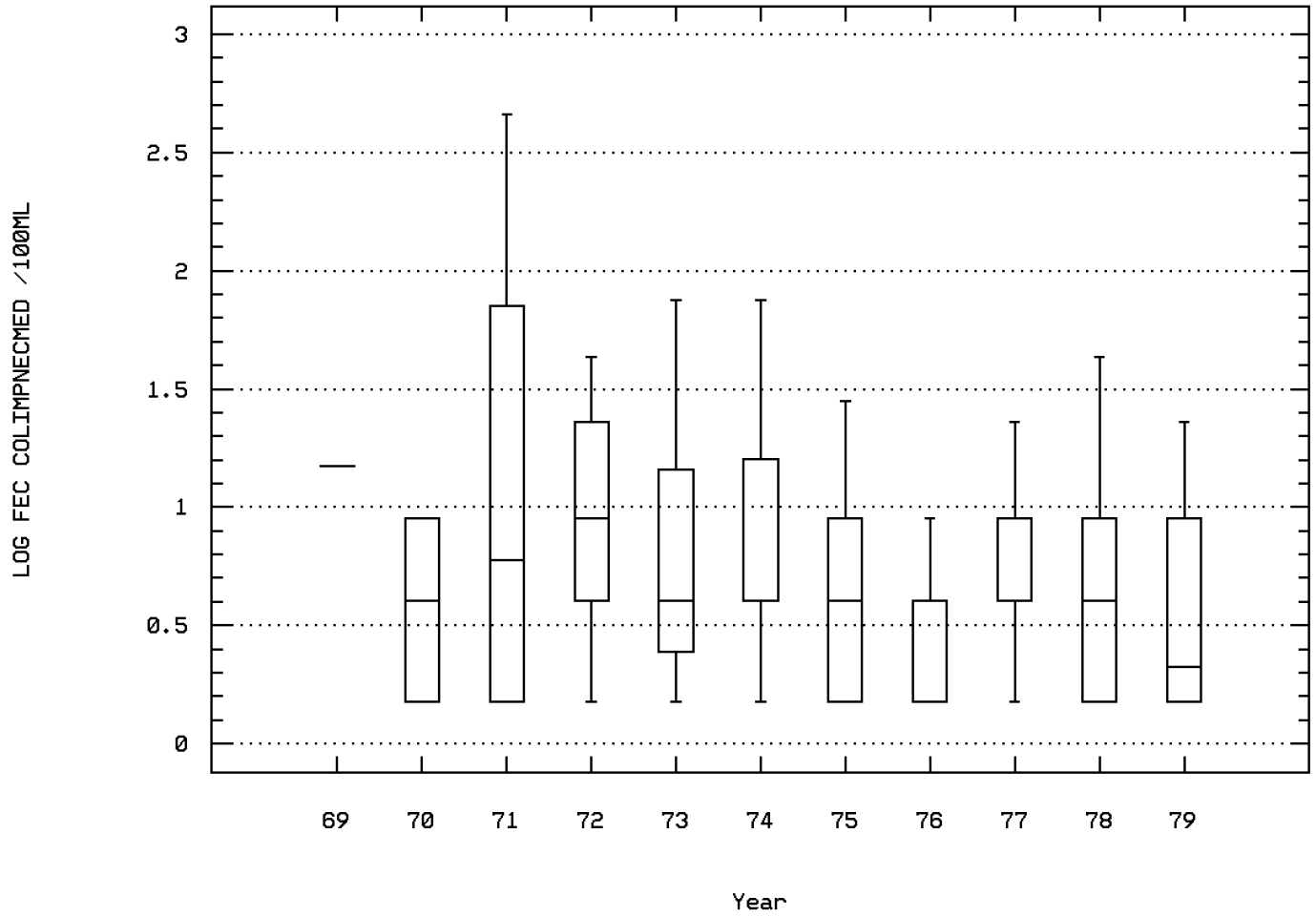
Annual Analysis for 1982 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.	0.163	0.8	0.	0.093	0.305	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.33	0.652	3.11	0.	0.909	0.954	0.	0.19	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0073 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	4.	27.292	460.	1.5	7089.72	84.2	1.5	4.	9.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	0.602	0.829	2.663	0.176	0.311	0.558	0.176	0.602	0.954	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.744								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	47	0.	0.179	2.25	0.	0.172	0.415	0.	0.	0.2	0.702
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	47	0.58	0.865	4.17	0.	1.05	1.025	0.	0.07	0.98	2.396

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36 ##	2.75	8.528	75.	1.5	188.928	13.745	1.5	1.5	12.75	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36 ##	0.389	0.597	1.875	0.176	0.256	0.506	0.176	0.176	1.098	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.949								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	42	0.	0.133	1.35	0.	0.088	0.297	0.	0.	0.103	0.495
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	42	0.55	0.987	4.93	0.	1.361	1.167	0.	0.	1.658	2.961

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	4.	12.045	75.	1.5	281.943	16.791	1.5	1.5	12.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	0.602	0.766	1.875	0.176	0.264	0.514	0.176	0.176	1.065	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.839								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	42	0.	0.165	2.	0.	0.168	0.409	0.	0.	0.	0.782
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	43	0.23	0.735	5.75	0.	1.304	1.142	0.	0.	1.2	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0074

NPS Station ID: ASIS0074 LAT/LON: 37.938892/ -75.344449 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10139E
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 17.940 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010116800.00 RF3 Mile Point: 0.05 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	106	4.	38.132	1100.	1.5	24861.273	157.675	1.5	1.5	9.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	106	0.602	0.772	3.041	0.176	0.392	0.626	0.176	0.176	0.954	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.921								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30	3.6	7.593	43.	1.5	126.73	11.257	1.5	1.5	9.1	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30	0.556	0.576	1.633	0.176	0.227	0.477	0.176	0.176	0.959	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.763								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	134	0.	0.157	2.25	0.	0.139	0.373	0.	0.	0.058	0.64
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	134	0.5	0.858	5.75	0.	1.204	1.097	0.	0.015	1.185	2.45

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	106	5	0.05	37	3	0.08	36	1	0.03	33	1	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1969 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3	4.	4.833	9.	1.5	14.583	3.819	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3	0.602	0.577	0.954	0.176	0.152	0.39	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.78								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.4	1.2	0.	0.48	0.693	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.177	0.53	0.	0.094	0.306	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	9.	137.444	1100.	1.5	130552.965	361.321	1.5	4.25	43.	1100.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.954	1.197	3.041	0.176	0.767	0.876	0.176	0.511	1.633	3.041
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.751								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.529	2.25	0.	0.851	0.922	0.	0.	1.255	2.25
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.47	1.744	5.75	0.	4.137	2.034	0.	0.14	3.275	5.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	9.	30.818	210.	4.	3667.764	60.562	4.	4.	23.	176.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	0.954	1.087	2.322	0.602	0.289	0.537	0.602	0.602	1.362	2.184
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.216								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	4.	102.542	1100.	1.5	99335.703	315.176	1.5	1.5	9.	797.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.602	0.8	3.041	0.176	0.773	0.879	0.176	0.176	0.954	2.72
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.316								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	8.	37.813	460.	1.5	12731.196	112.833	1.5	4.	19.5	154.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	0.9	0.949	2.663	0.176	0.355	0.596	0.176	0.602	1.286	1.752
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.883								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	4.	26.292	240.	1.5	4664.566	68.298	1.5	1.5	7.75	180.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.602	0.688	2.38	0.176	0.47	0.685	0.176	0.176	0.866	2.156
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.876								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	8.	7.7	23.	1.5	38.4	6.197	1.5	3.375	9.	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.9	0.758	1.362	0.176	0.139	0.373	0.176	0.496	0.954	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.728								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	4.	10.923	93.	1.5	623.452	24.969	1.5	1.5	6.5	61.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13	0.602	0.582	1.968	0.176	0.284	0.533	0.176	0.176	0.778	1.652
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.818								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	1.5	2.944	7.	1.5	3.778	1.944	1.5	1.5	4.	7.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	0.176	0.392	0.845	0.176	0.071	0.267	0.176	0.176	0.602	0.845
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.468								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	2.75	5.35	15.	1.5	23.225	4.819	1.5	1.5	9.	14.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.389	0.552	1.176	0.176	0.176	0.42	0.176	0.176	0.954	1.154
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.566								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

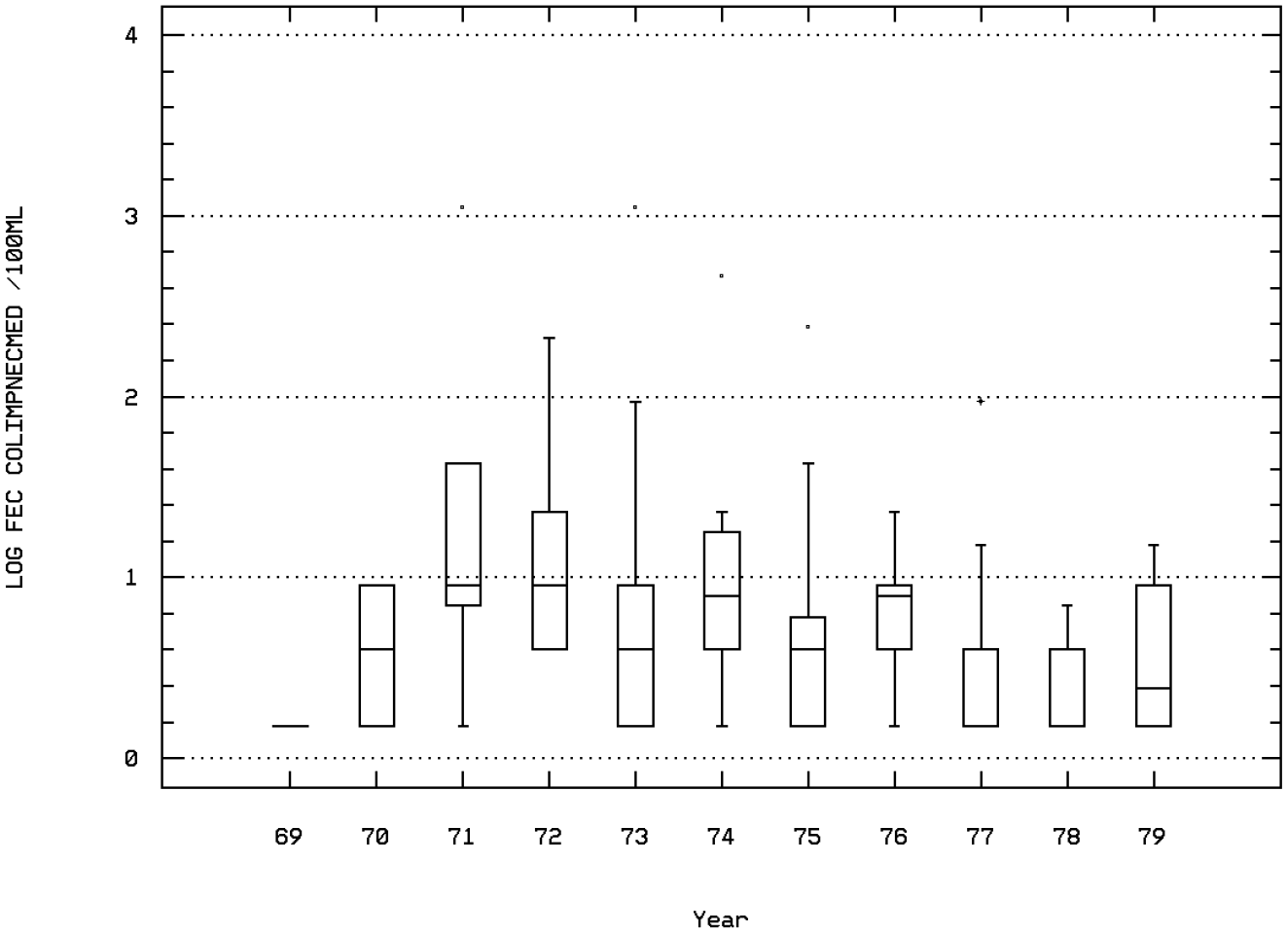
Annual Analysis for 1982 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0074 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	37	9.	76.095	1100.	1.5	62922.109	250.843	1.5	2.75	19.	116.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	37	0.954	0.944	3.041	0.176	0.548	0.741	0.176	0.389	1.269	2.039
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.795								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	48	0.	0.176	2.25	0.	0.169	0.411	0.	0.	0.17	0.691
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	48	0.57	0.856	4.17	0.	1.031	1.015	0.	0.075	0.98	2.383

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	4.	18.597	460.	1.5	5788.097	76.08	1.5	1.5	9.	17.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36	0.602	0.609	2.663	0.176	0.296	0.544	0.176	0.176	0.954	1.232
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.063								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	42	0.	0.133	1.35	0.	0.088	0.297	0.	0.	0.103	0.495
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	42	0.55	0.987	4.93	0.	1.361	1.167	0.	0.	1.658	2.961

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	4.	16.879	240.	1.5	1896.485	43.549	1.5	2.75	9.	35.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	0.602	0.758	2.38	0.176	0.282	0.531	0.176	0.389	0.954	1.525
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.73								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	44	0.	0.161	2.	0.	0.16	0.4	0.	0.	0.008	0.77
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	44	0.305	0.736	5.75	0.	1.269	1.127	0.	0.	1.195	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0075

NPS Station ID: ASIS0075 LAT/LON: 37.940281/ -75.370004 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10115
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 5.260 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010116700.00 RF3 Mile Point: 1.46 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	07/08/68-07/08/68	1	30.2	30.2	30.2	30.2	0.	0.	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	114	9.	51.487	1100.	1.5	32493.905	180.261	1.5	4.	23.	68.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	114	0.954	1.021	3.041	0.176	0.42	0.648	0.176	0.602	1.362	1.801
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.5								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-10/19/82	28	15.	82.996	1100.	1.5	48615.975	220.49	1.5	4.5	43.	262.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-10/19/82	28	1.176	1.21	3.041	0.176	0.546	0.739	0.176	0.632	1.633	2.408
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			16.215								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	32	110.	278.75	2060.	5.	202982.258	450.536	5.	32.5	307.5	828.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	32	2.034	1.961	3.314	0.699	0.546	0.739	0.699	1.508	2.488	2.909
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			91.307								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-11/09/77	3	9.	18.667	43.	4.	450.333	21.221	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/22/75-11/09/77	3	0.954	1.063	1.633	0.602	0.275	0.524	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			11.568								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	138	0.	0.14	2.25	0.	0.124	0.353	0.	0.	0.05	0.528
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	138	0.5	0.83	5.75	0.	1.154	1.074	0.	0.	1.128	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

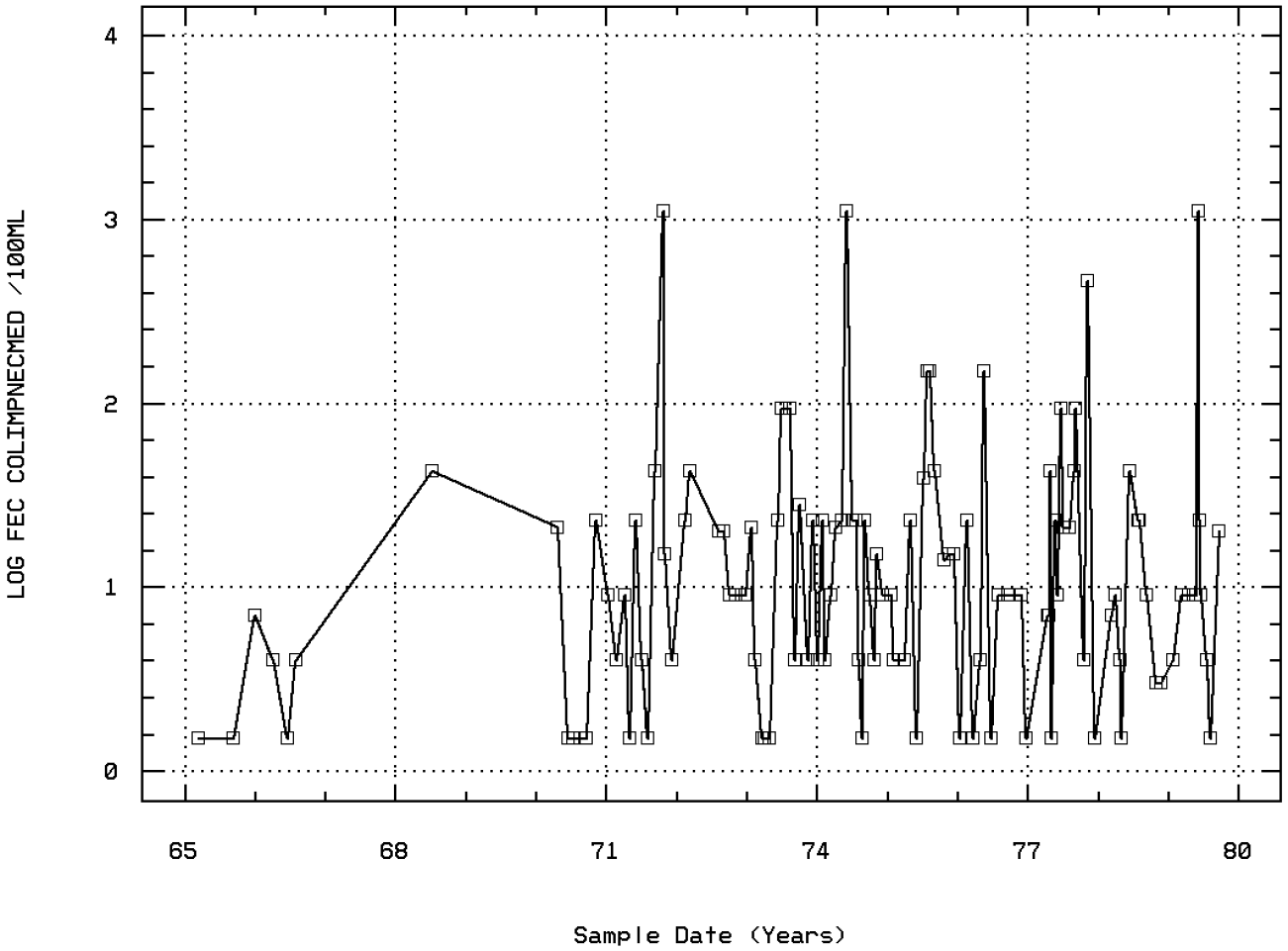
EPA Water Quality Criteria Analysis for Station: ASIS0075

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	114	4	0.04	39	2	0.05	38	2	0.05	37	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: ASIS0075 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Annual Analysis for 1965 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	2 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	4	4.	4.125	7.	1.5	5.063	2.25	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	4	0.602	0.556	0.845	0.176	0.077	0.278	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.6								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	4	0.5	0.65	1.6	0.	0.623	0.79	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	1	43.	43.	43.	43.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	1	1.633	1.633	1.633	1.633	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			43.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	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 box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	5 ##	1.5	9.7	23.	1.5	126.575	11.251	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	5 ##	0.176	0.642	1.362	0.176	0.408	0.639	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.39								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	11	9.	110.364	1100.	1.5	107883.605	328.456	1.5	4.	23.	888.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	11	0.954	1.025	3.041	0.176	0.656	0.81	0.176	0.602	1.362	2.76
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.603								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	7	20.	19.	43.	9.	149.	12.207	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	7	1.301	1.209	1.633	0.954	0.069	0.263	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.165								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	7	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	7	0.98	1.306	2.4	0.6	0.6	0.775	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	12.5	24.792	93.	1.5	1114.566	33.385	1.5	2.125	26.75	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	0.962	0.98	1.968	0.176	0.45	0.671	0.176	0.283	1.426	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.558								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	16	12.	80.969	1100.	1.5	73915.016	271.873	3.25	4.	23.	346.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	16	1.065	1.112	3.041	0.176	0.405	0.636	0.474	0.602	1.362	1.866
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.948								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	15.	38.958	150.	1.5	2858.839	53.468	2.25	5.25	42.	150.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	12	1.176	1.231	2.176	0.176	0.372	0.61	0.304	0.69	1.623	2.176
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.019								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	6.5	21.	150.	1.5	2098.556	45.81	1.5	1.5	12.5	137.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	0.778	0.771	2.176	0.176	0.43	0.656	0.176	0.176	1.056	2.095
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.898								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	14	21.	59.071	460.	1.5	14258.033	119.407	1.5	6.25	55.5	276.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	14	1.322	1.248	2.663	0.176	0.499	0.706	0.176	0.784	1.717	2.316
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.7								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	13	0.	0.098	0.79	0.	0.057	0.239	0.	0.	0.025	0.646
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	13	0.22	0.588	2.37	0.	0.615	0.784	0.	0.	0.95	2.182

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	8.	12.55	43.	1.5	175.469	13.246	1.65	3.	23.	41.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	0.9	0.884	1.633	0.176	0.216	0.464	0.206	0.477	1.362	1.606
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.661								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	9.	118.85	1100.	1.5	118892.669	344.808	1.75	4.	20.75	992.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	10	0.954	1.09	3.041	0.176	0.59	0.768	0.219	0.602	1.316	2.873
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.306								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	10	0.5	0.577	1.57	0.15	0.164	0.405	0.157	0.235	0.708	1.486

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	8	0.085	0.165	0.6	0.	0.046	0.215	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	8	0.185	0.401	1.4	0.	0.269	0.519	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

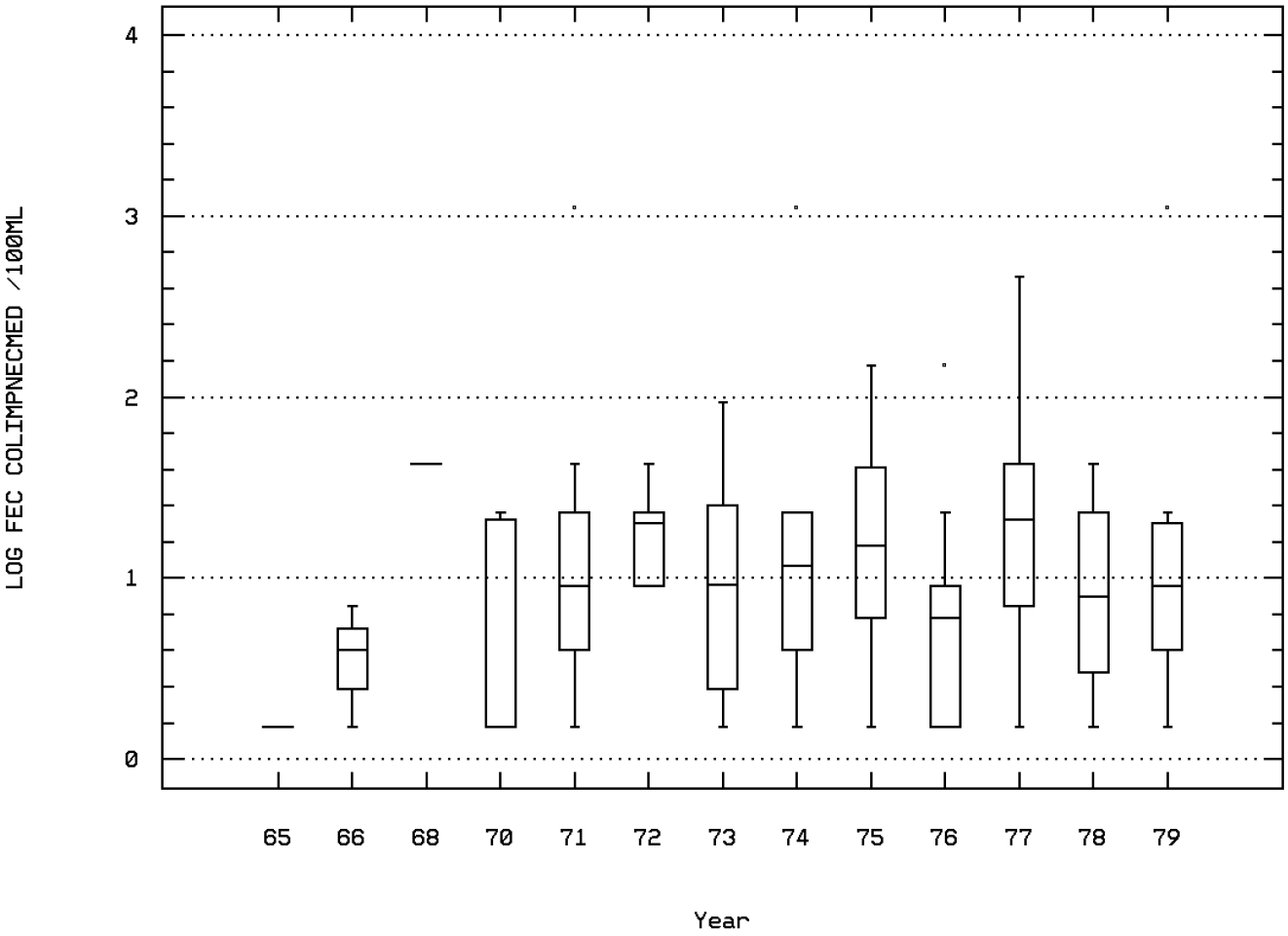
Annual Analysis for 1982 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	8	0.	0.125	0.8	0.	0.078	0.279	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	8	0.47	0.734	3.11	0.	0.987	0.993	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0075 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	39	9.	49.987	1100.	1.5	35029.256	187.161	3.	4.	15.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	39	0.954	0.978	3.041	0.176	0.328	0.572	0.477	0.602	1.176	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.508								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	49	0.	0.172	2.25	0.	0.166	0.408	0.	0.	0.14	0.68
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	49	0.56	0.816	4.17	0.	1.043	1.021	0.	0.025	0.98	2.37

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0075

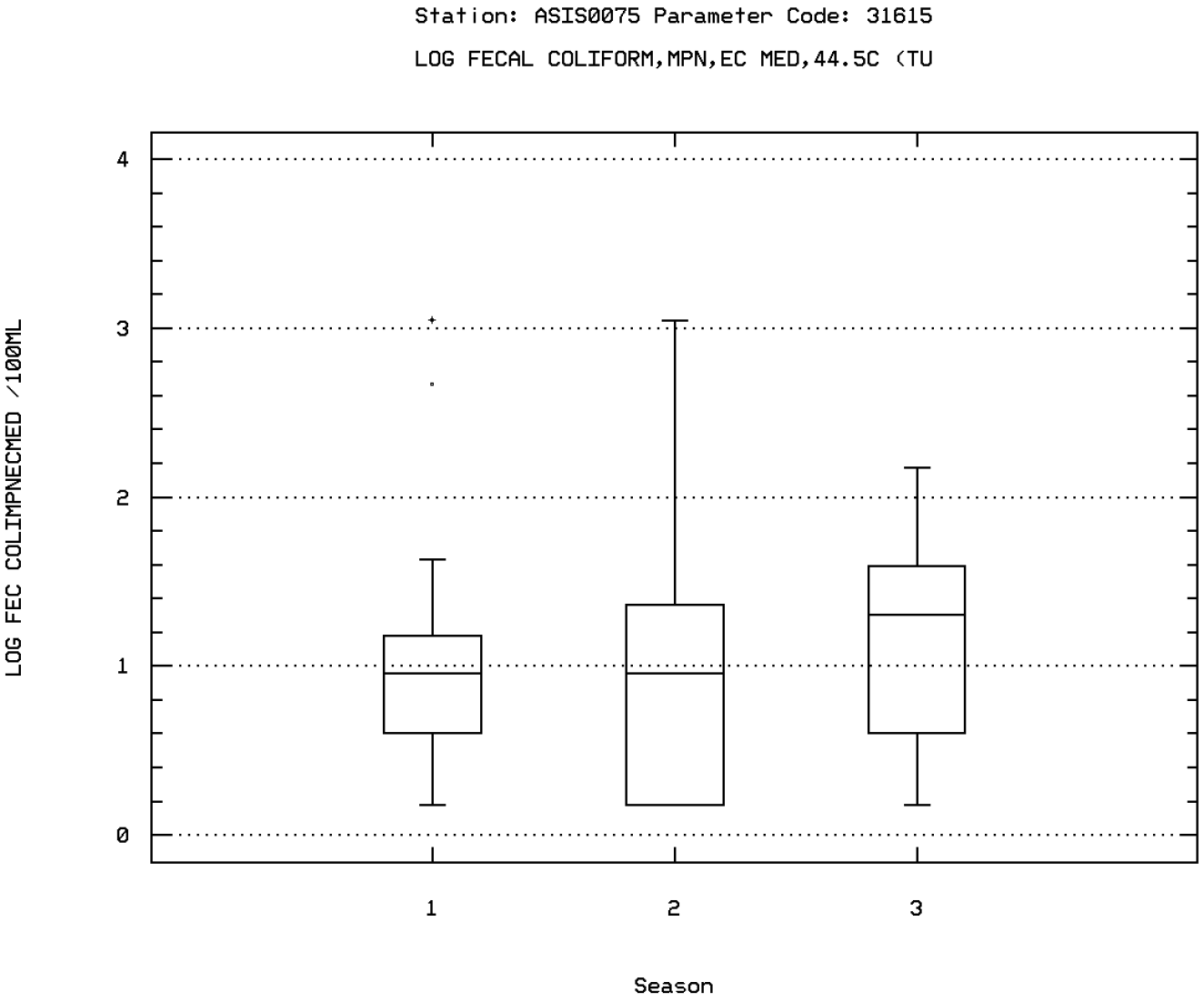
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	38	9.	73.974	1100.	1.5	60855.08	246.688	1.5	1.5	23.	98.7
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	38	0.954	0.954	3.041	0.176	0.573	0.757	0.176	0.176	1.362	1.989
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.992								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	43	0.	0.136	1.35	0.	0.086	0.294	0.	0.	0.11	0.49
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	43	0.5	0.907	4.93	0.	1.239	1.113	0.	0.	1.4	2.712

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	37	20.	29.973	150.	1.5	1462.041	38.237	1.5	4.	41.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-09/19/79	37	1.301	1.136	2.176	0.176	0.363	0.602	0.176	0.602	1.612	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.67								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	46	0.	0.11	2.	0.	0.118	0.344	0.	0.	0.	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/19/82	46	0.4	0.773	5.75	0.	1.235	1.111	0.	0.	1.22	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0076

NPS Station ID: ASIS0076 LAT/LON: 37.941115/ -75.320559 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10136
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 17.570 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010023200.00 RF3 Mile Point: 0.57 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	35 ##	1.5	20.471	460.	1.5	6134.426	78.323	1.5	1.5	4.	31.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	35 ##	0.176	0.542	2.663	0.176	0.357	0.598	0.176	0.176	0.602	1.47
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.485								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/21/80-10/05/81	7 ##	1.5	2.329	7.3	1.5	4.806	2.192	**	**	**	**
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/21/80-10/05/81	7 ##	0.176	0.274	0.863	0.176	0.067	0.26	**	**	**	**
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.88								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	42	0.	0.259	2.25	0.	0.317	0.563	0.	0.	0.103	1.256
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	41	0.86	1.287	5.75	0.	1.69	1.3	0.	0.245	2.325	3.038

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0076

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	35	1	0.03	12	1	0.08	12	0	0.00	11	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	2.75	49.75	460.	1.5	17376.25	131.819	1.5	1.5	18.25	349.9
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.389	0.738	2.663	0.176	0.687	0.829	0.176	0.176	1.172	2.454
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.47								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	18	0.	0.337	2.25	0.	0.381	0.617	0.	0.	0.708	1.377
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	18	0.78	1.048	3.75	0.	0.932	0.965	0.018	0.458	1.403	2.625

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	1.5	1.917	4.	1.5	0.947	0.973	1.5	1.5	1.5	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.176	0.247	0.602	0.176	0.027	0.166	0.176	0.176	0.176	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.766								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	12	0.	0.134	1.35	0.	0.148	0.385	0.	0.	0.088	0.978
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	12	0.53	1.187	3.05	0.	1.573	1.254	0.	0.085	2.63	3.044

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	11	4.	8.773	43.	1.5	149.768	12.238	1.5	1.5	9.	37.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	11	0.602	0.65	1.633	0.176	0.265	0.514	0.176	0.176	0.954	1.542
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.471								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	12	0.	0.267	2.	0.	0.417	0.646	0.	0.	0.	1.76
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	11	1.4	1.785	5.75	0.	3.06	1.749	0.	0.	2.84	5.208

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0077

NPS Station ID: ASIS0077 LAT/LON: 37.941115/ -75.367503 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10116
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 5.120 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	48	9.	51.198	1100.	1.5	29194.029	170.863	1.5	4.	23.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	48	0.954	1.024	3.041	0.176	0.437	0.661	0.176	0.602	1.362	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10.56								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-11/30/82	26	12.05	65.258	1100.	1.5	46358.883	215.311	2.97	3.6	23.	128.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/07/80-11/30/82	26	1.068	1.08	3.041	0.176	0.454	0.673	0.442	0.556	1.362	2.075
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.011								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	25	140.	275.2	1580.	10.	176484.333	420.1	10.	30.	305.	1204.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/27/82	25	2.146	2.003	3.199	1.	0.448	0.669	1.	1.477	2.484	3.08
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			100.629								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	72	0.	0.199	2.25	0.	0.199	0.447	0.	0.	0.155	0.797
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	72	0.5	0.893	5.75	0.	1.23	1.109	0.	0.06	1.238	2.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0077

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	48	3	0.06	16	1	0.06	16	2	0.13	16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1966 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.5	0.65	1.6	0.	0.623	0.79	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	1.09	1.423	2.4	0.64	0.604	0.777	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.075	0.363	1.35	0.	0.301	0.549	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.325	0.457	1.4	0.	0.316	0.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	1	0.22	0.22	0.22	0.22	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 box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	1.02	1.441	3.05	0.	1.546	1.244	0.	0.315	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.055	0.348	1.28	0.	0.389	0.624	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.51	1.028	2.84	0.25	1.488	1.22	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.	0.104	0.82	0.	0.084	0.289	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.49	0.563	1.71	0.15	0.249	0.499	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	16	8.	80.344	1100.	1.5	74102.791	272.218	1.5	4.	23.	360.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	16	0.9	0.992	3.041	0.176	0.516	0.719	0.176	0.602	1.362	2.056
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			9.824								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	26	0.	0.293	2.25	0.	0.284	0.533	0.	0.	0.502	0.958
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	26	0.555	0.763	3.75	0.	0.802	0.896	0.	0.165	0.935	2.325

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	16	4.	52.781	460.	1.5	15214.566	123.347	1.5	1.5	23.	306.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	16	0.602	0.938	2.663	0.176	0.629	0.793	0.176	0.176	1.362	2.465
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.665								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	21	0.	0.137	1.35	0.	0.095	0.308	0.	0.	0.14	0.468
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	21	0.5	0.853	3.11	0.	1.108	1.052	0.	0.	1.325	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

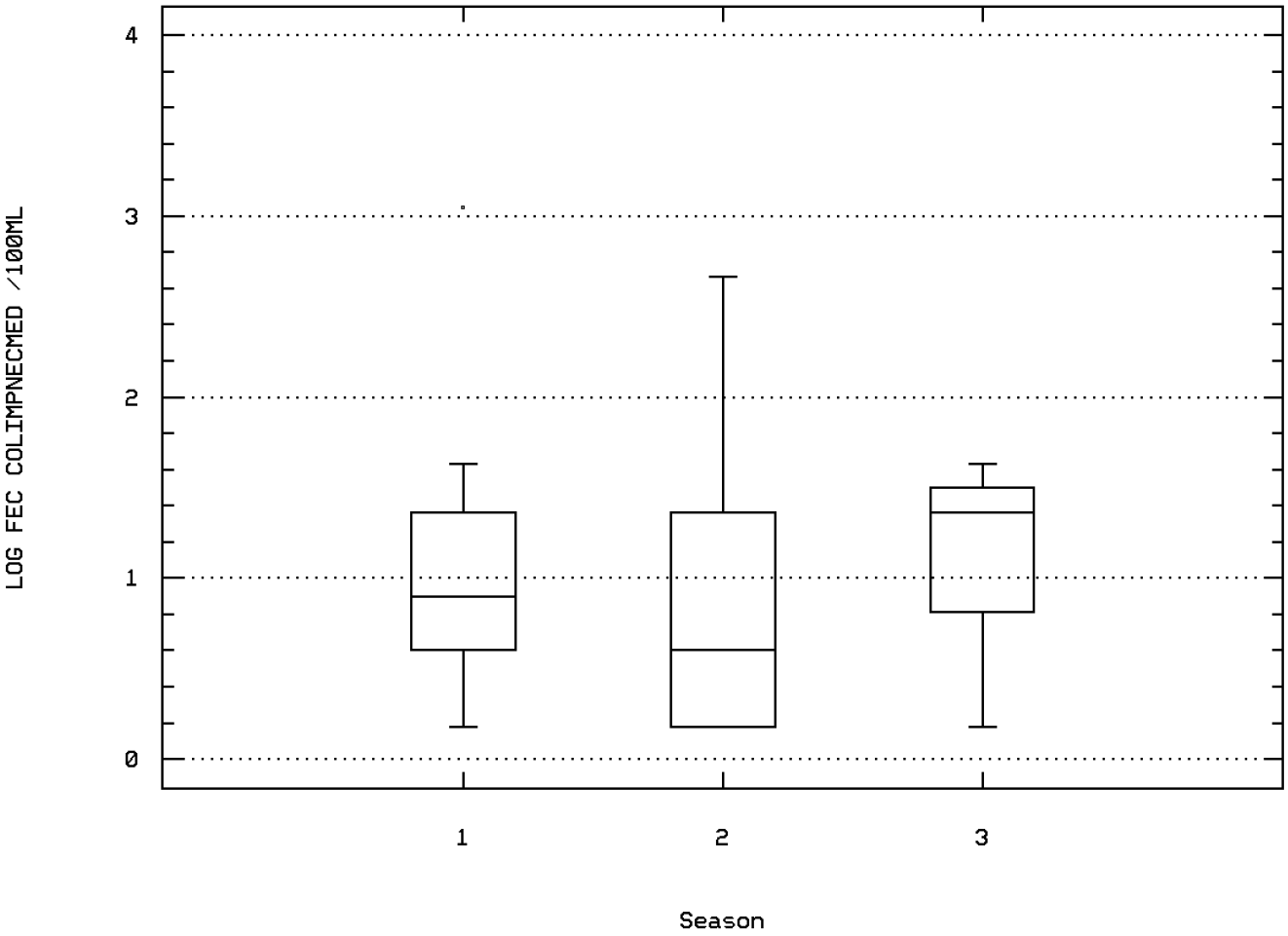
Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	16	23.	20.469	43.	1.5	241.249	15.532	3.25	6.25	38.	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/16/65-08/06/79	16	1.362	1.141	1.633	0.176	0.201	0.448	0.474	0.795	1.566	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.833								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	25	0.	0.153	2.	0.	0.2	0.447	0.	0.	0.	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	25	0.48	1.063	5.75	0.	1.828	1.352	0.	0.185	1.55	2.92

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0077 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0078

NPS Station ID: ASIS0078 LAT/LON: 37.941670/ -75.343337 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10139D
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 18.480 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010023400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	106	4.	9.146	93.	1.5	252.419	15.888	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	106	0.602	0.627	1.968	0.176	0.24	0.49	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.233								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	28 ##	1.5	3.307	23.	1.5	21.63	4.651	1.5	1.5	3.6	4.74
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	28 ##	0.176	0.357	1.362	0.176	0.094	0.307	0.176	0.176	0.556	0.618
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.276								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	132	0.	0.153	2.25	0.	0.137	0.371	0.	0.	0.05	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	132	0.5	0.864	5.75	0.	1.22	1.104	0.	0.005	1.195	2.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0078

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	106	0	0.00	37	0	0.00	36	0	0.00	33	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1969 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1	23.	23.	23.	23.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	1	1.362	1.362	1.362	1.362	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			23.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3	4.	3.167	4.	1.5	2.083	1.443	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	3	0.602	0.46	0.602	0.176	0.06	0.246	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.884								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.4	1.2	0.	0.48	0.693	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	3	0.	0.177	0.53	0.	0.094	0.306	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	9.	20.167	75.	1.5	621.938	24.939	1.5	1.5	33.	75.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9	0.954	0.924	1.875	0.176	0.447	0.668	0.176	0.176	1.498	1.875
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.396								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.529	2.25	0.	0.851	0.922	0.	0.	1.255	2.25
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.47	1.744	5.75	0.	4.137	2.034	0.	0.14	3.275	5.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	4.	11.	43.	1.5	177.9	13.338	1.5	1.5	23.	39.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	11	0.602	0.743	1.633	0.176	0.297	0.545	0.176	0.176	1.362	1.579
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.535								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.98	1.305	3.03	0.03	0.889	0.943	0.132	0.6	2.4	2.904

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	4.	5.583	23.	1.5	43.447	6.591	1.5	1.5	4.	20.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12	0.602	0.561	1.362	0.176	0.148	0.385	0.176	0.176	0.602	1.306
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.637								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	5.5	8.125	23.	1.5	57.117	7.558	1.5	2.125	9.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	16	0.724	0.732	1.362	0.176	0.175	0.418	0.176	0.283	0.954	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.394								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12 ##	1.5	6.125	23.	1.5	66.96	8.183	1.5	1.5	7.75	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	12 ##	0.176	0.51	1.362	0.176	0.222	0.472	0.176	0.176	0.866	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.232								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	5.	6.4	23.	1.5	44.156	6.645	1.5	1.5	9.	21.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10	0.661	0.614	1.362	0.176	0.187	0.432	0.176	0.176	0.954	1.321
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.113								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13 ##	1.5	11.731	93.	1.5	633.234	25.164	1.5	1.5	9.	65.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	13 ##	0.176	0.59	1.968	0.176	0.33	0.575	0.176	0.176	0.954	1.726
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.894								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.11	0.591	2.37	0.	0.671	0.819	0.	0.	0.95	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	1.5	2.889	9.	1.5	6.424	2.534	1.5	1.5	4.	9.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	9 ##	0.176	0.357	0.954	0.176	0.084	0.29	0.176	0.176	0.602	0.954
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.276								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	2.75	12.15	93.	1.5	812.558	28.505	1.5	1.5	5.25	84.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	10 ##	0.389	0.561	1.968	0.176	0.32	0.566	0.176	0.176	0.69	1.867
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.639								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.094	0.82	0.	0.074	0.272	0.	0.	0.015	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.5	0.601	1.71	0.15	0.221	0.47	0.15	0.23	0.715	1.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.085	0.165	0.6	0.	0.046	0.215	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	8	0.185	0.401	1.4	0.	0.269	0.519	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

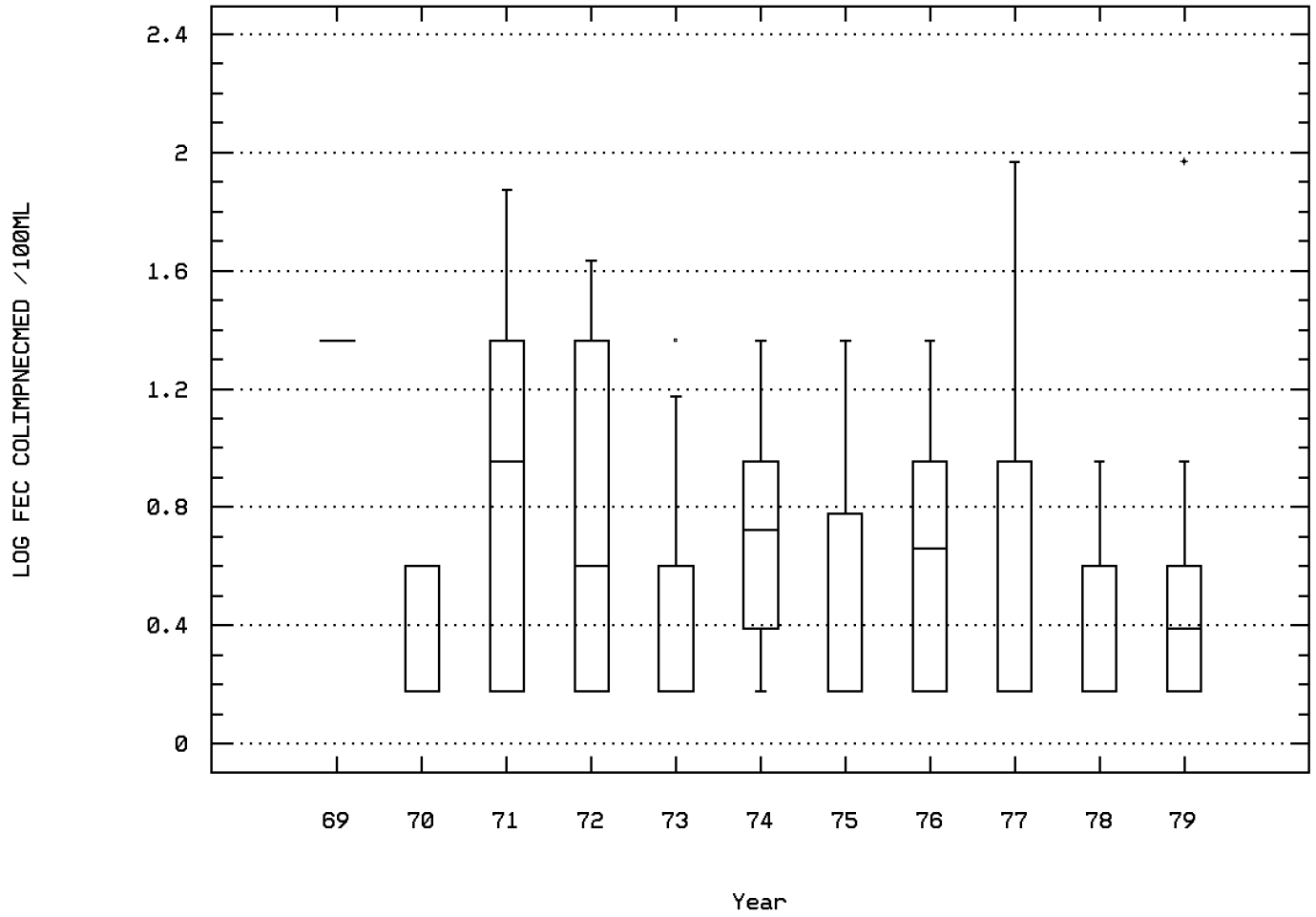
Annual Analysis for 1982 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0078 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	37	4.	13.27	93.	1.5	415.342	20.38	1.5	1.5	19.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	37	0.602	0.767	1.968	0.176	0.297	0.545	0.176	0.176	1.269	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.847								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	48	0.	0.176	2.25	0.	0.169	0.411	0.	0.	0.17	0.691
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	48	0.57	0.856	4.17	0.	1.031	1.015	0.	0.075	0.98	2.383

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36 ##	1.5	7.194	93.	1.5	259.947	16.123	1.5	1.5	4.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	36 ##	0.176	0.476	1.968	0.176	0.221	0.47	0.176	0.176	0.602	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.993								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	41	0.	0.136	1.35	0.	0.09	0.3	0.	0.	0.105	0.5
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	41	0.6	0.999	4.93	0.	1.389	1.178	0.	0.	1.695	2.984

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	4.	6.652	23.	1.5	46.304	6.805	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/18/69-09/19/79	33	0.602	0.634	1.362	0.176	0.165	0.406	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.303								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	43	0.	0.145	2.	0.	0.153	0.391	0.	0.	0.	0.684
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/18/69-11/30/82	43	0.24	0.745	5.75	0.	1.296	1.138	0.	0.	1.2	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0079

NPS Station ID: ASIS0079 LAT/LON: 37.943059/ -75.371670 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10114A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 5.260 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.15 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	87	4.	13.834	93.	0.6	466.159	21.591	1.5	1.5	14.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	87	0.602	0.761	1.968	-0.222	0.307	0.554	0.176	0.176	1.146	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.769								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	23	3.6	6.596	43.	1.5	86.782	9.316	1.5	1.5	9.1	17.44
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	23	0.556	0.59	1.633	0.176	0.171	0.413	0.176	0.176	0.959	1.201
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.891								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/15/81	3	40.	66.667	150.	10.	5433.333	73.711	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-09/15/81	3	1.602	1.593	2.176	1.	0.346	0.588	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			39.149								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	09/20/76-11/29/76	2 ##	8.25	8.25	15.	1.5	91.125	9.546	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	09/20/76-11/29/76	2 ##	0.676	0.676	1.176	0.176	0.5	0.707	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			4.743								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	107	0.	0.134	1.35	0.	0.083	0.287	0.	0.	0.08	0.616
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	108	0.465	0.785	4.93	0.	1.016	1.008	0.	0.005	0.98	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0079

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	87	0	0.00	29	0	0.00	30	0	0.00	28	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1972 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	4	16.	32.25	93.	4.	1704.917	41.291	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	4	1.158	1.222	1.968	0.602	0.344	0.587	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.658								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	4	1.69	1.595	2.4	0.6	0.888	0.942	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	12	9.	15.125	43.	1.5	297.506	17.248	1.5	1.875	35.75	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	12	0.954	0.876	1.633	0.176	0.32	0.565	0.176	0.251	1.512	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.523								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	16	4.	6.938	43.	1.5	106.763	10.333	1.5	1.5	8.5	23.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	16	0.602	0.594	1.633	0.176	0.187	0.432	0.176	0.176	0.927	1.313
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.927								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	12	16.	28.5	93.	1.5	1130.955	33.63	1.5	4.	43.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	12	1.158	1.087	1.968	0.176	0.426	0.653	0.176	0.602	1.633	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.209								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	10	4.	8.95	39.	1.5	152.081	12.332	1.5	1.5	11.	37.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	10	0.602	0.673	1.591	0.176	0.234	0.484	0.176	0.176	0.974	1.568
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.715								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	13	4.	17.885	75.	1.5	685.215	26.177	1.5	2.75	19.	75.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	13	0.602	0.873	1.875	0.176	0.349	0.591	0.176	0.389	1.269	1.875
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.472								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	12	0.	0.102	0.79	0.	0.062	0.25	0.	0.	0.	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	12	0.11	0.478	2.37	0.	0.502	0.708	0.	0.	0.888	1.944

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	10	2.75	4.16	9.	0.6	12.367	3.517	0.69	1.5	9.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	10	0.389	0.455	0.954	-0.222	0.173	0.416	-0.182	0.176	0.954	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.851								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	10	0.915	1.317	3.05	0.	1.556	1.247	0.	0.023	2.635	3.049

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	10 ##	2.75	7.65	43.	1.5	163.225	12.776	1.5	1.5	9.	39.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	10 ##	0.389	0.563	1.633	0.176	0.245	0.495	0.176	0.176	0.954	1.566
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.653								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	4	0.275	0.35	0.85	0.	0.128	0.358	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	4	0.475	0.453	0.86	0.	0.131	0.362	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	7	0.03	0.21	0.8	0.	0.097	0.311	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	7	0.44	0.734	3.11	0.	1.131	1.063	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	29	4.	8.138	43.	1.5	118.891	10.904	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	29	0.602	0.657	1.633	0.176	0.204	0.451	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.544								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	37	0.	0.149	1.28	0.	0.088	0.297	0.	0.	0.225	0.702
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	37	0.56	0.786	4.17	0.	0.979	0.989	0.	0.03	0.98	2.396

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	30	4.	11.017	75.	1.5	293.37	17.128	1.5	1.5	9.	42.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	30	0.602	0.689	1.875	0.176	0.277	0.526	0.176	0.176	0.954	1.629
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.887								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	35	0.	0.14	1.35	0.	0.1	0.315	0.	0.	0.1	0.604
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	35	0.5	0.923	4.93	0.	1.33	1.153	0.	0.	1.6	2.768

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	28	9.	22.754	93.	0.6	920.234	30.335	1.5	3.25	38.	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/72-09/19/79	28	0.954	0.946	1.968	-0.222	0.416	0.645	0.176	0.508	1.566	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.823								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	35	0.	0.111	0.85	0.	0.064	0.252	0.	0.	0.01	0.656
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	09/05/72-11/30/82	36	0.235	0.651	3.04	0.	0.768	0.876	0.	0.01	1.043	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0080

NPS Station ID: ASIS0080 LAT/LON: 37.944448/ -75.366115 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10117
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 4.830 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	02/29/80-02/29/80	1	30.8	30.8	30.8	30.8	0.	0.	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	110	4.	47.955	1100.	1.5	24477.833	156.454	1.5	1.5	23.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	110	0.602	0.944	3.041	0.176	0.5	0.707	0.176	0.176	1.362	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.782								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	31	15.	61.968	1100.	1.5	39163.134	197.897	1.5	3.6	39.	89.4
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	31	1.176	1.097	3.041	0.176	0.509	0.713	0.176	0.556	1.591	1.95
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			12.503								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/19/82	34	80.	239.412	1930.	5.	186620.856	431.996	5.	27.5	215.	805.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-10/19/82	34	1.9	1.875	3.286	0.699	0.5	0.707	0.699	1.433	2.33	2.865
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			75.001								
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	01/22/75-04/11/77	3	4.	16.167	43.	1.5	541.583	23.272	**	**	**	**
31677	LOG FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678	01/22/75-04/11/77	3	0.602	0.804	1.633	0.176	0.562	0.749	**	**	**	**
31677	GM FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	GEOMETRIC MEAN =			6.366								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	138	0.	0.144	2.25	0.	0.126	0.354	0.	0.	0.05	0.528
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	138	0.49	0.834	5.75	0.	1.16	1.077	0.	0.	1.185	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

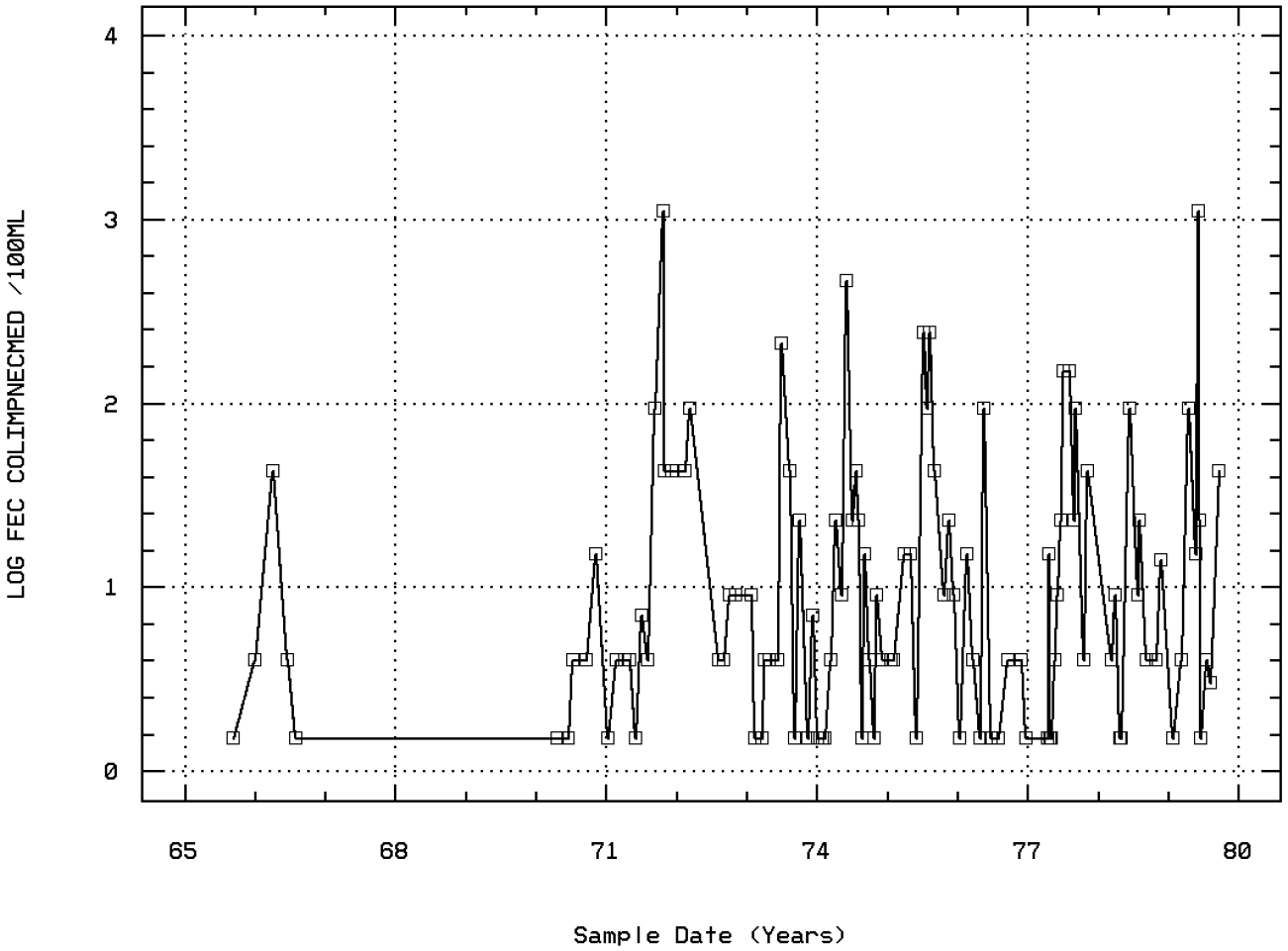
EPA Water Quality Criteria Analysis for Station: ASIS0080

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	110	6	0.05	37	1	0.03	37	2	0.05	36	3	0.08			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: ASIS0080 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Annual Analysis for 1965 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	4	4.	13.125	43.	1.5	398.063	19.952	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	4	0.602	0.753	1.633	0.176	0.385	0.62	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.668								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.5	0.65	1.6	0.	0.623	0.79	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	5	4.	5.2	15.	1.5	31.575	5.619	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	5	0.602	0.546	1.176	0.176	0.169	0.411	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.519								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	11	4.	118.636	1100.	1.5	106764.405	326.748	1.5	4.	43.	898.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	11	0.602	1.08	3.041	0.176	0.785	0.886	0.176	0.602	1.633	2.827
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			12.029								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	6	9.	27.	93.	4.	1263.6	35.547	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	6	0.954	1.119	1.968	0.602	0.315	0.561	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.155								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	1.09	1.423	2.4	0.64	0.604	0.777	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	4.	25.833	210.	1.5	3514.242	59.281	1.5	1.5	19.5	159.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	0.602	0.802	2.322	0.176	0.457	0.676	0.176	0.176	1.26	2.116
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.343								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	16	6.5	39.031	460.	1.5	12740.482	112.874	1.5	1.5	23.	168.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	16	0.778	0.885	2.663	0.176	0.483	0.695	0.176	0.176	1.362	1.942
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.665								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	15.	58.042	240.	1.5	7858.839	88.65	2.25	5.25	80.5	240.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	12	1.176	1.28	2.38	0.176	0.491	0.701	0.304	0.69	1.885	2.38
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.073								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10 ##	2.75	12.75	93.	1.5	811.958	28.495	1.5	1.5	6.75	85.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10 ##	0.389	0.583	1.968	0.176	0.344	0.587	0.176	0.176	0.746	1.889
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.829								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	13	15.	39.885	150.	1.5	3018.381	54.94	1.5	2.75	68.	150.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	13	1.176	1.118	2.176	0.176	0.548	0.74	0.176	0.389	1.801	2.176
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.137								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.04	0.43	0.	0.015	0.124	0.	0.	0.	0.316
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.275	0.618	2.37	0.	0.658	0.811	0.	0.	0.95	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	6.5	16.3	93.	1.5	770.178	27.752	1.5	3.375	16.25	86.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	0.778	0.854	1.968	0.176	0.302	0.549	0.176	0.496	1.2	1.908
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.15								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	9.5	128.8	1100.	1.5	117267.011	342.443	1.5	2.625	55.5	999.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	10	0.889	1.121	3.041	0.176	0.83	0.911	0.176	0.402	1.717	2.934
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			13.227								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.077	0.82	0.	0.061	0.246	0.	0.	0.01	0.66
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.5	0.68	1.71	0.15	0.265	0.514	0.164	0.24	0.73	1.682

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0080

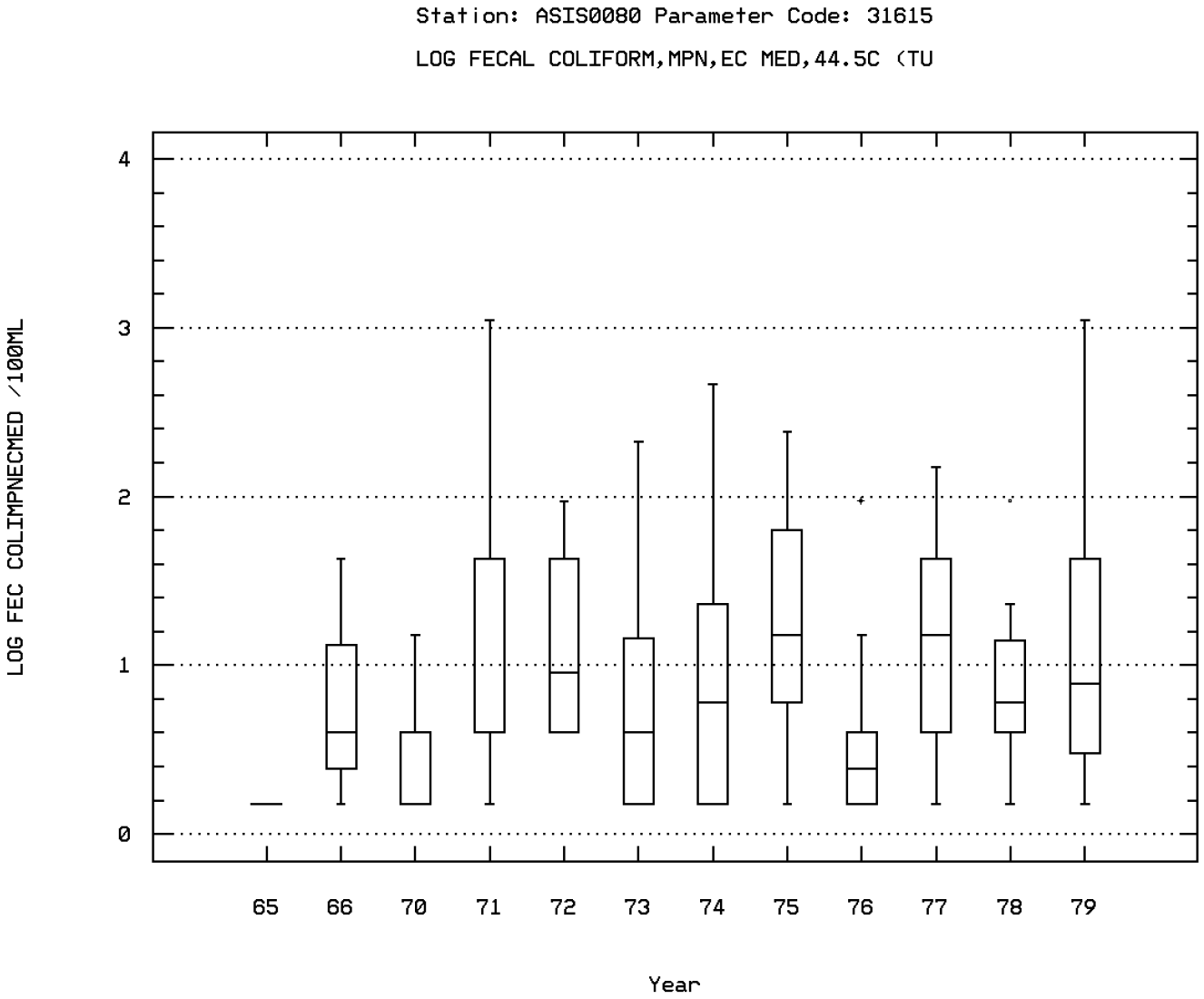
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	37	4.	41.703	1100.	1.5	32320.145	179.778	1.5	1.5	14.5	43.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	37	0.602	0.822	3.041	0.176	0.398	0.631	0.176	0.176	1.161	1.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.633								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	49	0.	0.166	2.25	0.	0.16	0.4	0.	0.	0.14	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	49	0.56	0.841	4.17	0.	1.056	1.027	0.	0.025	1.	2.37

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0080

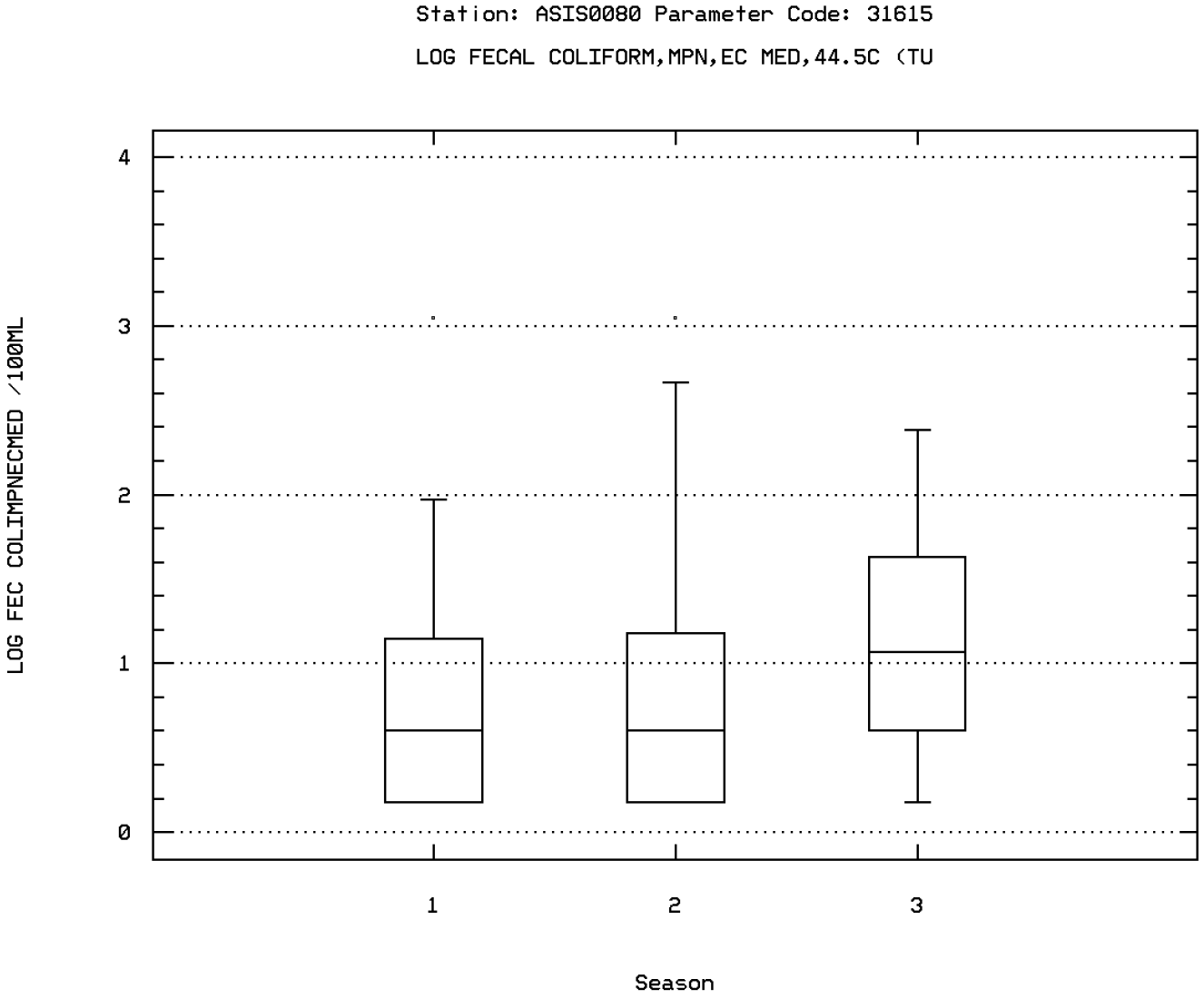
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	37	4.	56.473	1100.	1.5	37063.416	192.519	1.5	1.5	19.	93.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	37	0.602	0.865	3.041	0.176	0.558	0.747	0.176	0.176	1.269	1.968
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.326								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	43	0.	0.136	1.35	0.	0.086	0.294	0.	0.	0.11	0.49
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	43	0.5	0.907	4.93	0.	1.239	1.113	0.	0.	1.4	2.712

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	36	12.	45.625	240.	1.5	4741.405	68.858	1.5	4.	43.	168.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-09/19/79	36	1.065	1.15	2.38	0.176	0.507	0.712	0.176	0.602	1.633	2.22
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.115								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.759	5.75	0.	1.237	1.112	0.	0.	1.22	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0081

NPS Station ID: ASIS0081 LAT/LON: 37.945837/ -75.320281 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10135A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 17.070 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010147700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	36	4.	15.222	150.	1.5	1240.692	35.223	1.5	1.5	4.	80.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	36	0.602	0.612	2.176	0.176	0.332	0.576	0.176	0.176	0.602	1.903
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.096								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	10 ##	1.5	4.35	15.	1.5	31.725	5.632	1.5	1.5	6.	15.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	10 ##	0.176	0.406	1.176	0.176	0.173	0.416	0.176	0.176	0.652	1.176
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.548								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	46	0.	0.237	2.25	0.	0.294	0.542	0.	0.	0.063	1.224
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	46	0.645	1.163	5.75	0.	1.613	1.27	0.	0.22	2.153	3.033

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0081

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	36	0	0.00	11	0	0.00	13	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	11	4.	33.773	150.	1.5	3014.268	54.902	1.5	1.5	75.	144.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	11	0.602	0.841	2.176	0.176	0.675	0.822	0.176	0.176	1.875	2.157
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.942								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.	0.379	2.25	0.	0.415	0.644	0.	0.	0.763	1.571
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.78	1.065	3.75	0.	1.034	1.017	0.014	0.325	1.538	2.875

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13	4.	3.231	9.	1.5	4.567	2.137	1.5	1.5	4.	7.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13	0.602	0.433	0.954	0.176	0.07	0.264	0.176	0.176	0.602	0.813
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.707								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	14	0.	0.115	1.35	0.	0.128	0.358	0.	0.	0.063	0.73
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	14	0.55	1.096	3.05	0.	1.385	1.177	0.	0.195	2.29	3.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12	4.	11.208	93.	1.5	670.794	25.9	1.5	1.5	7.75	67.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12	0.602	0.597	1.968	0.176	0.275	0.524	0.176	0.176	0.866	1.664
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.955								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.	0.201	2.	0.	0.32	0.565	0.	0.	0.	1.44
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.62	1.32	5.75	0.	2.565	1.602	0.	0.038	2.4	3.853

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0082

NPS Station ID: ASIS0082 LAT/LON: 37.947226/ -75.364726 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10118
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 4.580 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010116500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	46	5.5	20.804	460.	1.5	4643.016	68.14	1.5	1.5	10.5	29.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	46	0.724	0.787	2.663	0.176	0.319	0.565	0.176	0.176	1.01	1.443
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.127								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-11/30/82	26	6.35	62.981	1100.	1.5	45596.226	213.533	1.5	1.5	39.	93.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/07/80-11/30/82	26	0.758	0.972	3.041	0.176	0.6	0.775	0.176	0.176	1.591	1.968
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			9.374								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-03/02/82	3	70.	80.	160.	10.	5700.	75.498	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-03/02/82	3	1.845	1.683	2.204	1.	0.382	0.618	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			48.203								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	71	0.	0.19	2.25	0.	0.197	0.444	0.	0.	0.11	0.776
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	71	0.5	0.903	5.75	0.	1.241	1.114	0.	0.03	1.25	2.74

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0082

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	46	1	0.02	15	1	0.07	15	0	0.00	16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1966 - Station ASIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.5	0.65	1.6	0.	0.623	0.79	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	1.09	1.423	2.4	0.64	0.604	0.777	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.075	0.363	1.35	0.	0.301	0.549	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	6	0.325	0.457	1.4	0.	0.316	0.563	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	1.02	1.441	3.05	0.	1.546	1.244	0.	0.315	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.055	0.348	1.28	0.	0.389	0.624	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	4	0.51	1.028	2.84	0.25	1.488	1.22	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.	0.104	0.82	0.	0.084	0.289	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.49	0.563	1.71	0.15	0.249	0.499	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ASIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	15	9.	42.267	460.	1.5	13423.031	115.858	1.5	7.	23.	197.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	15	0.954	1.069	2.663	0.176	0.35	0.591	0.176	0.845	1.362	1.882
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.734								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	25	0.	0.273	2.25	0.	0.285	0.534	0.	0.	0.47	1.004
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	25	0.58	0.784	3.75	0.	0.823	0.907	0.	0.12	0.95	2.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0082

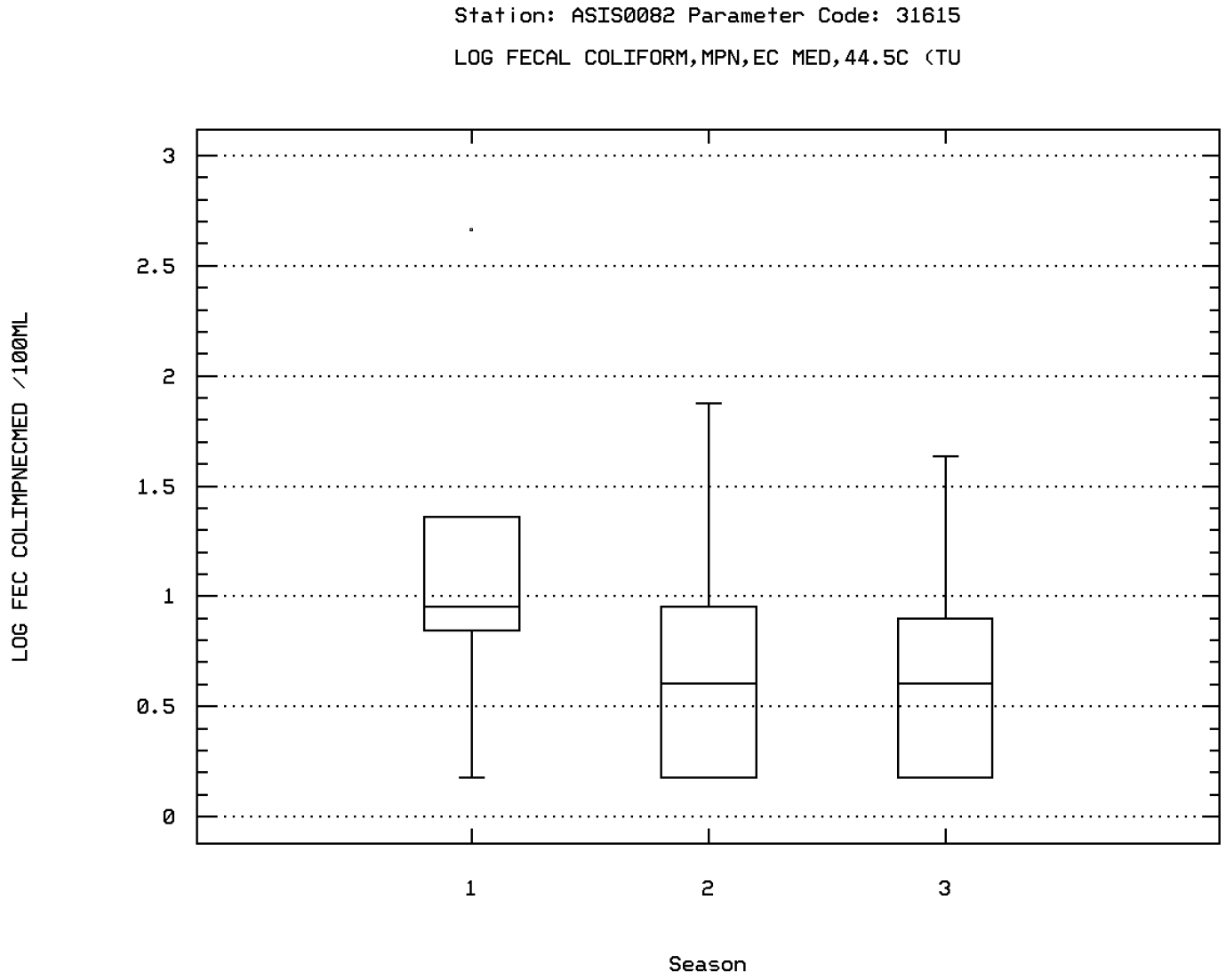
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	15	4.	13.633	75.	1.5	628.302	25.066	1.5	1.5	9.	75.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	15	0.602	0.7	1.875	0.176	0.313	0.559	0.176	0.176	0.954	1.875
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.015								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	21	0.	0.137	1.35	0.	0.095	0.308	0.	0.	0.14	0.468
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	21	0.5	0.853	3.11	0.	1.108	1.052	0.	0.	1.325	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	16	4.	7.406	43.	1.5	110.941	10.533	1.5	1.5	8.5	23.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	16	0.602	0.604	1.633	0.176	0.216	0.464	0.176	0.176	0.927	1.313
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.021								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	25	0.	0.153	2.	0.	0.2	0.447	0.	0.	0.	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	25	0.48	1.063	5.75	0.	1.828	1.352	0.	0.185	1.55	2.92

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0083

NPS Station ID: ASIS0083 LAT/LON: 37.950004/ -75.324449 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10134A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 16.720 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010022500.00 RF3 Mile Point: 3.44 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	05/06/74-09/06/77	6	34.3	34.167	35.4	32.4	1.431	1.196	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	99 ##	1.5	8.379	150.	1.5	477.551	21.853	1.5	1.5	4.	20.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	99 ##	0.176	0.486	2.176	0.176	0.222	0.472	0.176	0.176	0.602	1.301
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.064								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30 ##	1.5	5.4	43.	1.5	72.152	8.494	1.5	1.5	9.1	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30 ##	0.176	0.471	1.633	0.176	0.178	0.422	0.176	0.176	0.959	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.961								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	126	0.	0.16	2.25	0.	0.144	0.38	0.	0.	0.058	0.698
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	127	0.48	0.87	5.75	0.	1.262	1.124	0.	0.	1.2	2.516

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0083

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	99	0	0.00	32	0	0.00	35	0	0.00	32	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	2	12.	12.	20.	4.	128.	11.314	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	2	0.952	0.952	1.301	0.602	0.244	0.494	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.944								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	2	0.6	0.6	1.2	0.	0.72	0.849	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	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 box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	6	6.5	22.	93.	1.5	1275.1	35.709	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	6	0.778	0.873	1.968	0.176	0.498	0.706	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.466								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	6	0.	0.708	2.25	0.	1.21	1.1	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	6	2.525	2.472	5.75	0.	4.69	2.166	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	8 ##	1.5	2.813	7.	1.5	4.138	2.034	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	8 ##	0.176	0.366	0.845	0.176	0.074	0.273	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.324								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	8	1.41	1.53	3.03	0.03	1.042	1.021	**	**	**	**

** - 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 1973 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12	3.5	10.708	93.	1.5	676.203	26.004	1.5	1.5	4.	67.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12	0.54	0.557	1.968	0.176	0.263	0.513	0.176	0.176	0.602	1.664
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.609								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	16 ##	1.5	11.875	150.	1.5	1360.75	36.888	1.5	1.5	4.	51.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	16 ##	0.176	0.456	2.176	0.176	0.272	0.521	0.176	0.176	0.602	1.321
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.859								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12 ##	2.75	11.	93.	1.5	674.591	25.973	1.5	1.5	7.75	67.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12 ##	0.389	0.562	1.968	0.176	0.289	0.538	0.176	0.176	0.866	1.664
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.645								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	1.5	2.4	4.	1.5	1.433	1.197	1.5	1.5	4.	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	0.176	0.334	0.602	0.176	0.043	0.207	0.176	0.176	0.602	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.158								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	14 ##	1.5	7.929	43.	1.5	157.11	12.534	1.5	1.5	12.	33.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	14 ##	0.176	0.502	1.633	0.176	0.305	0.552	0.176	0.176	1.046	1.498
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.179								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	13	0.	0.098	0.79	0.	0.057	0.239	0.	0.	0.025	0.646
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	13	0.22	0.588	2.37	0.	0.615	0.784	0.	0.	0.95	2.182

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	9 ##	1.5	1.778	4.	1.5	0.694	0.833	1.5	1.5	1.5	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	9 ##	0.176	0.223	0.602	0.176	0.02	0.142	0.176	0.176	0.176	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.673								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	1.02	1.528	3.05	0.	1.339	1.157	0.	0.605	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	2.75	4.95	21.	1.5	37.358	6.112	1.5	1.5	5.25	19.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	0.389	0.496	1.322	0.176	0.16	0.4	0.176	0.176	0.69	1.285
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.136								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.17	0.208	0.85	0.	0.076	0.275	0.	0.	0.3	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	8	0.	0.163	0.8	0.	0.093	0.305	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.33	0.652	3.11	0.	0.909	0.954	0.	0.19	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	32	4.	10.938	93.	1.5	500.851	22.38	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	32	0.602	0.622	1.968	0.176	0.276	0.526	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.19								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	43	0.	0.189	2.25	0.	0.182	0.426	0.	0.	0.25	0.746
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	43	0.58	0.883	4.17	0.	1.142	1.069	0.	0.03	1.02	2.448

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	35 ##	1.5	8.2	150.	1.5	667.165	25.83	1.5	1.5	4.	13.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	35 ##	0.176	0.415	2.176	0.176	0.215	0.464	0.176	0.176	0.602	1.101
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.6								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	41	0.	0.124	1.35	0.	0.087	0.295	0.	0.	0.075	0.454
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	41	0.6	1.011	4.93	0.	1.37	1.17	0.	0.	1.695	2.984

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	32 ##	1.5	6.016	93.	1.5	264.54	16.265	1.5	1.5	4.	8.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	32 ##	0.176	0.428	1.968	0.176	0.162	0.403	0.176	0.176	0.602	0.921
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.682								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	42	0.	0.165	2.	0.	0.167	0.409	0.	0.	0.003	0.782
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	43	0.23	0.721	5.75	0.	1.298	1.139	0.	0.	1.18	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0084

NPS Station ID: ASIS0084 LAT/LON: 37.950004/ -75.363337 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10119
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 4.440 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010116500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	50	4.	9.58	93.	1.5	299.116	17.295	1.5	1.5	9.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	50	0.602	0.637	1.968	0.176	0.25	0.5	0.176	0.176	0.954	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.333								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	05/07/80-10/05/81	11 ##	1.5	6.345	43.	1.5	153.057	12.372	1.5	1.5	3.6	36.22
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	05/07/80-10/05/81	11 ##	0.176	0.449	1.633	0.176	0.221	0.47	0.176	0.176	0.556	1.499
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.811								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-06/12/78	1	300.	300.	300.	300.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/12/78-06/12/78	1	2.477	2.477	2.477	2.477	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			300.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	60	0.	0.182	2.25	0.	0.219	0.468	0.	0.	0.008	0.779
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	60	0.605	0.974	5.75	0.	1.315	1.147	0.	0.06	1.475	2.77

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0084

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	50	0	0.00	16	0	0.00	18	0	0.00	16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	16	8.	7.	23.	1.5	35.633	5.969	1.5	1.5	9.	17.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	16	0.9	0.673	1.362	0.176	0.181	0.426	0.176	0.176	0.954	1.232
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.709								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	21	0.	0.311	2.25	0.	0.335	0.579	0.	0.	0.575	1.188
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	21	0.64	0.853	3.75	0.	0.938	0.968	0.	0.125	1.	2.45

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	18	4.	16.111	93.	1.5	726.693	26.957	1.5	1.5	12.5	76.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	18	0.602	0.737	1.968	0.176	0.397	0.63	0.176	0.176	1.056	1.884
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.459								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	20	0.	0.119	1.35	0.	0.099	0.315	0.	0.	0.088	0.484
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	20	0.5	0.794	3.05	0.	0.869	0.932	0.	0.008	1.188	2.732

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

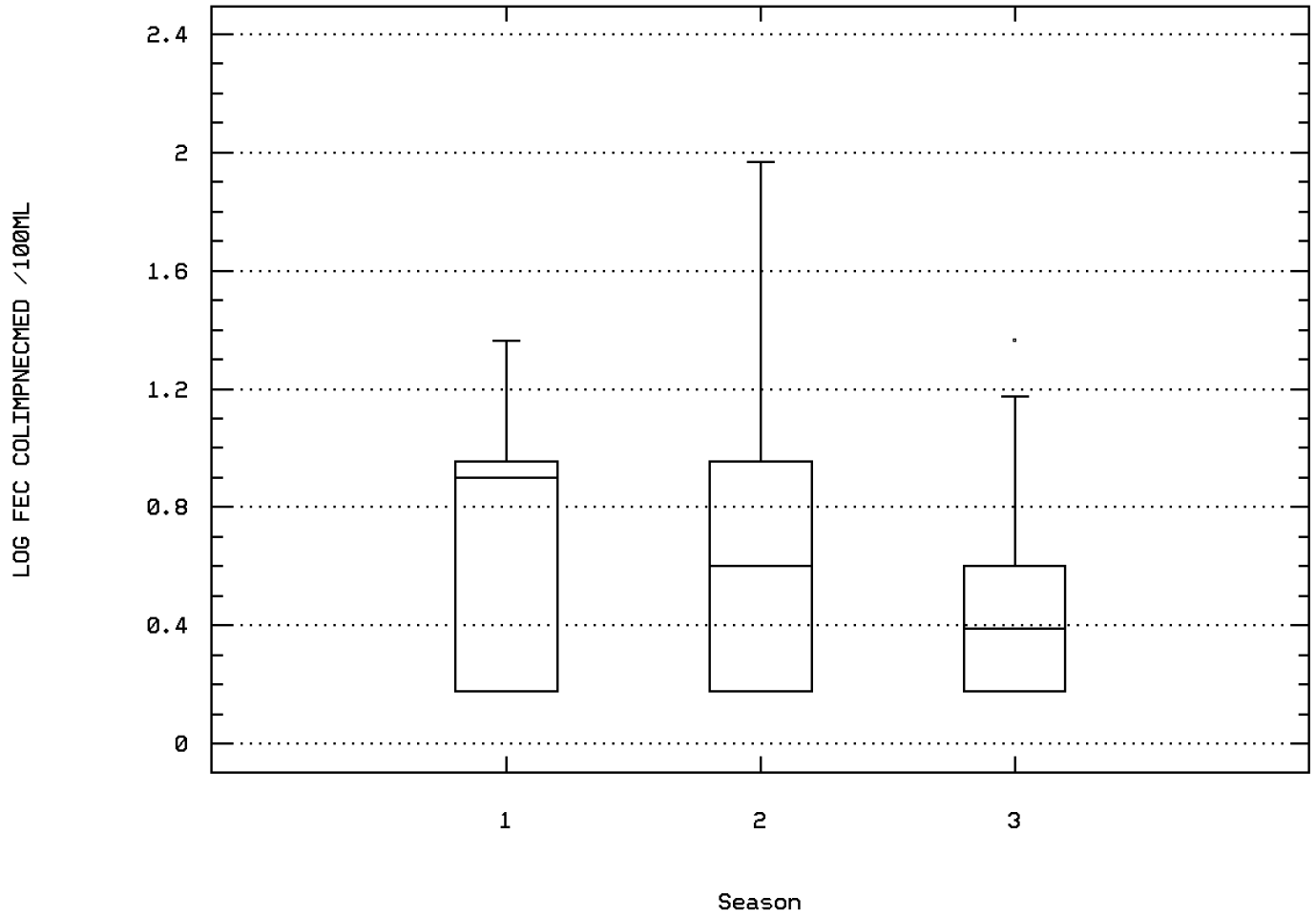
Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	16 ##	2.75	4.813	23.	1.5	35.363	5.947	1.5	1.5	4.	17.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/08/65-08/06/79	16 ##	0.389	0.488	1.362	0.176	0.147	0.384	0.176	0.176	0.602	1.232
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.073								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	19	0.	0.106	2.	0.	0.21	0.459	0.	0.	0.	0.01
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	19	0.63	1.298	5.75	0.	2.186	1.478	0.	0.15	2.4	3.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0084 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0085

NPS Station ID: ASIS0085 LAT/LON: 37.952226/ -75.362227 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10120
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 4.130 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010108700.00 RF3 Mile Point: 2.17 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	04/04/66-04/04/66	1	38.8	38.8	38.8	38.8	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-08/06/79	49 ##	1.5	4.98	43.	1.5	66.968	8.183	1.5	1.5	4.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-08/06/79	49 ##	0.176	0.416	1.633	0.176	0.172	0.415	0.176	0.176	0.602	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.607								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	10	3.6	7.84	43.	1.5	168.909	12.997	1.5	1.5	6.45	40.2
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	10	0.556	0.574	1.633	0.176	0.236	0.485	0.176	0.176	0.711	1.588
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			3.749								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	59	0.	0.185	2.25	0.	0.222	0.471	0.	0.	0.01	0.79
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	59	0.61	1.02	5.75	0.	1.404	1.185	0.	0.03	1.6	2.84

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0085

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	49	0	0.00	16	0	0.00	18	0	0.00	15	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-08/06/79	16 ##	1.5	9.219	43.	1.5	151.632	12.314	1.5	1.5	19.5	29.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-08/06/79	16 ##	0.176	0.613	1.633	0.176	0.312	0.558	0.176	0.176	1.26	1.443
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.106								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	21	0.	0.311	2.25	0.	0.335	0.579	0.	0.	0.575	1.188
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	21	0.64	0.853	3.75	0.	0.938	0.968	0.	0.125	1.	2.45

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-08/06/79	18 ##	1.5	3.111	23.	1.5	25.546	5.054	1.5	1.5	2.125	5.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-08/06/79	18 ##	0.176	0.313	1.362	0.176	0.095	0.308	0.176	0.176	0.283	0.678
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.056								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	19	0.	0.125	1.35	0.	0.104	0.323	0.	0.	0.1	0.51
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	19	0.5	0.926	3.05	0.	1.171	1.082	0.	0.	1.62	3.03

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

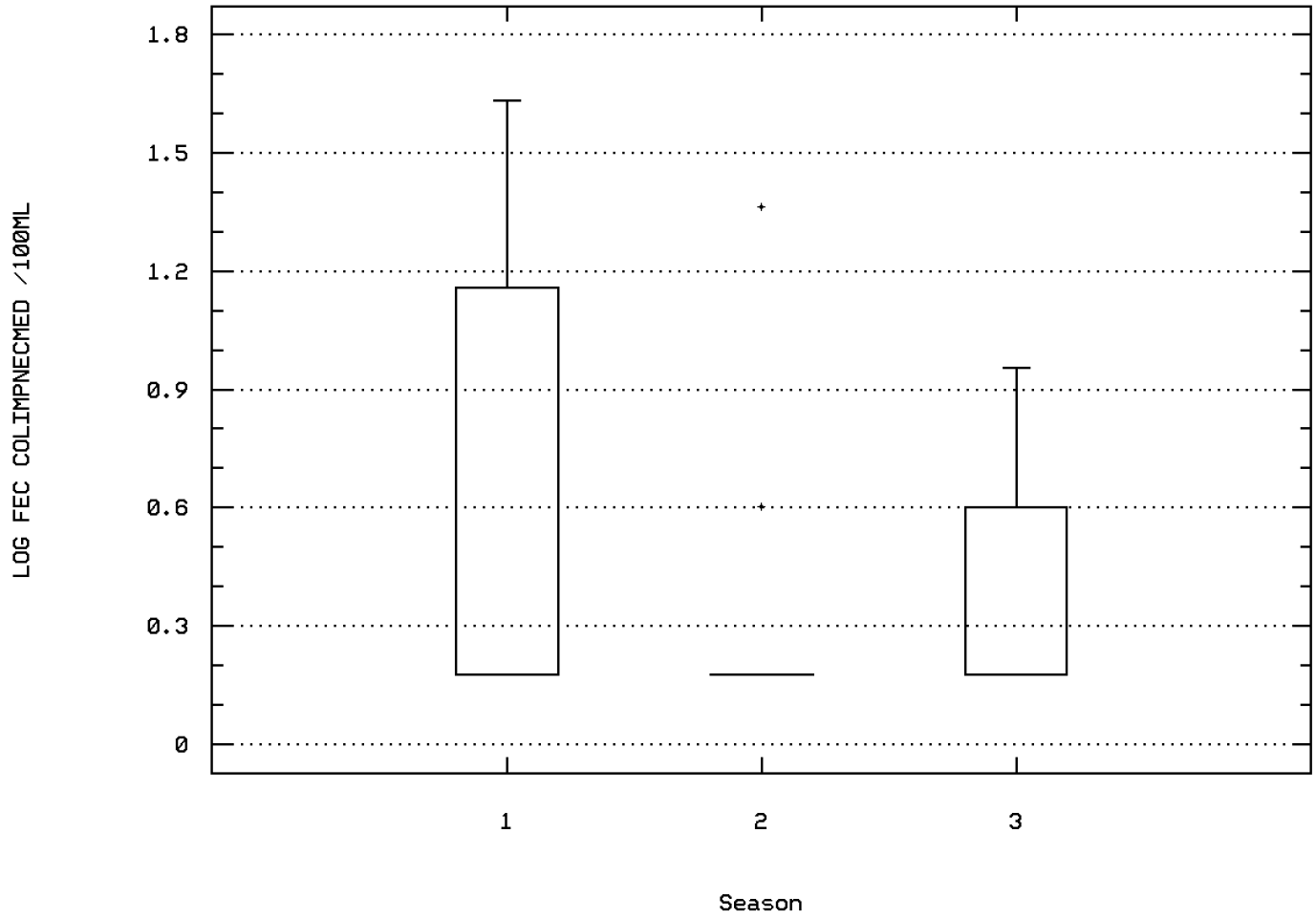
Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-08/06/79	15 ##	1.5	2.7	9.	1.5	5.529	2.351	1.5	1.5	4.	7.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-08/06/79	15 ##	0.176	0.329	0.954	0.176	0.076	0.276	0.176	0.176	0.602	0.889
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.135								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	19	0.	0.106	2.	0.	0.21	0.459	0.	0.	0.	0.01
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-10/05/81	19	0.63	1.298	5.75	0.	2.186	1.478	0.	0.15	2.4	3.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0085 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0086

NPS Station ID: ASIS0086 LAT/LON: 37.954170/ -75.361115 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10121
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 4.130 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010119400.00 RF3 Mile Point: 0.08 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0086

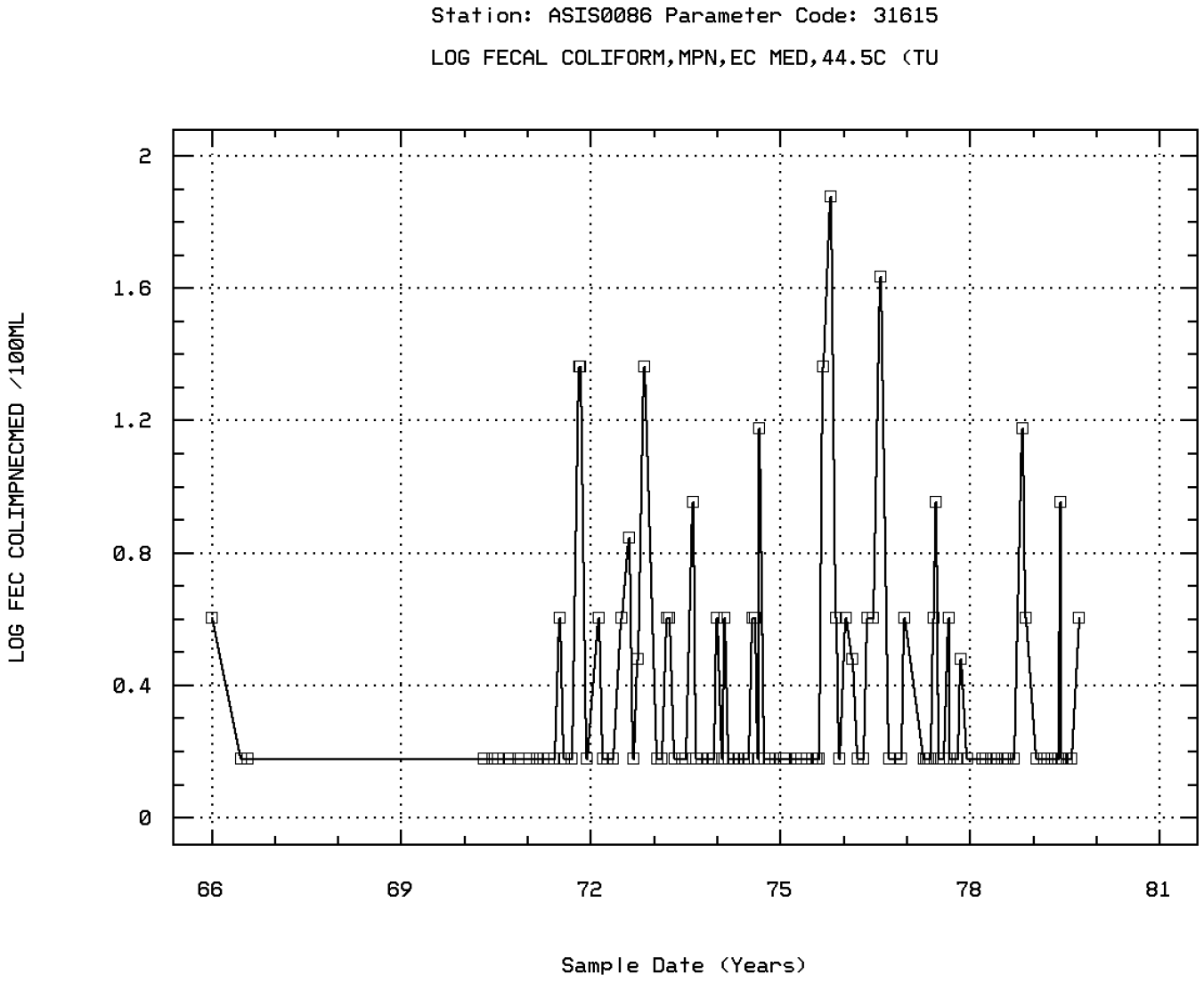
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	01/03/66-12/08/71	10	32.6	32.54	33.6	31.4	0.376	0.613	31.44	32.25	32.85	33.54
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	111 ##	1.5	4.275	75.	1.5	80.072	8.948	1.5	1.5	4.	8.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	111 ##	0.176	0.373	1.875	0.176	0.13	0.361	0.176	0.176	0.602	0.932
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.363								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	29 ##	1.5	2.324	9.1	1.5	3.348	1.83	1.5	1.5	2.55	3.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	29 ##	0.176	0.292	0.959	0.176	0.051	0.225	0.176	0.176	0.366	0.556
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.96								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	138	0.	0.15	2.25	0.	0.129	0.359	0.	0.	0.058	0.6
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	137	0.45	0.847	5.75	0.	1.206	1.098	0.	0.	1.225	2.42

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0086

			Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	111	0	0.00	38	0	0.00	38	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



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Annual Analysis for 1966 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	3 ##	1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	3 ##	0.176	0.318	0.602	0.176	0.06	0.246	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	3	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	3	1.	0.867	1.6	0.	0.653	0.808	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	5 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	5 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.	0.05	0.25	0.	0.013	0.112	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	5	0.53	0.656	1.5	0.	0.485	0.697	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	11 ##	1.5	5.636	23.	1.5	74.255	8.617	1.5	1.5	4.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	11 ##	0.176	0.43	1.362	0.176	0.228	0.478	0.176	0.176	0.602	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.694								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.475	2.25	0.	0.706	0.84	0.	0.	0.51	2.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.31	1.417	5.75	0.	3.831	1.957	0.	0.	2.8	5.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	9	3.	5.222	23.	1.5	47.819	6.915	1.5	1.5	5.5	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	9	0.477	0.51	1.362	0.176	0.163	0.403	0.176	0.176	0.724	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.238								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	1.2	1.469	3.03	0.03	0.945	0.972	0.03	0.78	2.4	3.03

** - 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 1973 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	12 ##	1.5	2.542	9.	1.5	5.066	2.251	1.5	1.5	3.375	7.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	12 ##	0.176	0.312	0.954	0.176	0.068	0.261	0.176	0.176	0.496	0.849
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.051								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	16 ##	1.5	2.969	15.	1.5	11.516	3.393	1.5	1.5	4.	7.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	16 ##	0.176	0.345	1.176	0.176	0.085	0.291	0.176	0.176	0.602	0.774
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.214								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	12 ##	1.5	9.625	75.	1.5	461.688	21.487	1.5	1.5	3.375	59.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	12 ##	0.176	0.452	1.875	0.176	0.324	0.569	0.176	0.176	0.496	1.721
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.831								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	10	3.5	6.8	43.	1.5	163.178	12.774	1.5	1.5	4.	39.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	10	0.54	0.522	1.633	0.176	0.194	0.44	0.176	0.176	0.602	1.53
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.329								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	14 ##	1.5	2.5	9.	1.5	4.385	2.094	1.5	1.5	3.25	6.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	14 ##	0.176	0.314	0.954	0.176	0.061	0.247	0.176	0.176	0.508	0.778
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.061								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	13	0.	0.098	0.79	0.	0.057	0.239	0.	0.	0.025	0.646
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	13	0.22	0.588	2.37	0.	0.615	0.784	0.	0.	0.95	2.182

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	9 ##	1.5	3.278	15.	1.5	20.007	4.473	1.5	1.5	2.75	15.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	9 ##	0.176	0.335	1.176	0.176	0.119	0.346	0.176	0.176	0.389	1.176
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.16								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	1.02	1.441	3.05	0.	1.546	1.244	0.	0.315	2.77	3.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	10 ##	1.5	2.5	9.	1.5	5.833	2.415	1.5	1.5	2.125	8.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	10 ##	0.176	0.297	0.954	0.176	0.071	0.267	0.176	0.176	0.283	0.919
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.979								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.	0.003	0.02	0.	0.	0.007	0.	0.	0.005	0.02
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.5	0.579	1.71	0.15	0.22	0.469	0.15	0.23	0.705	1.71

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

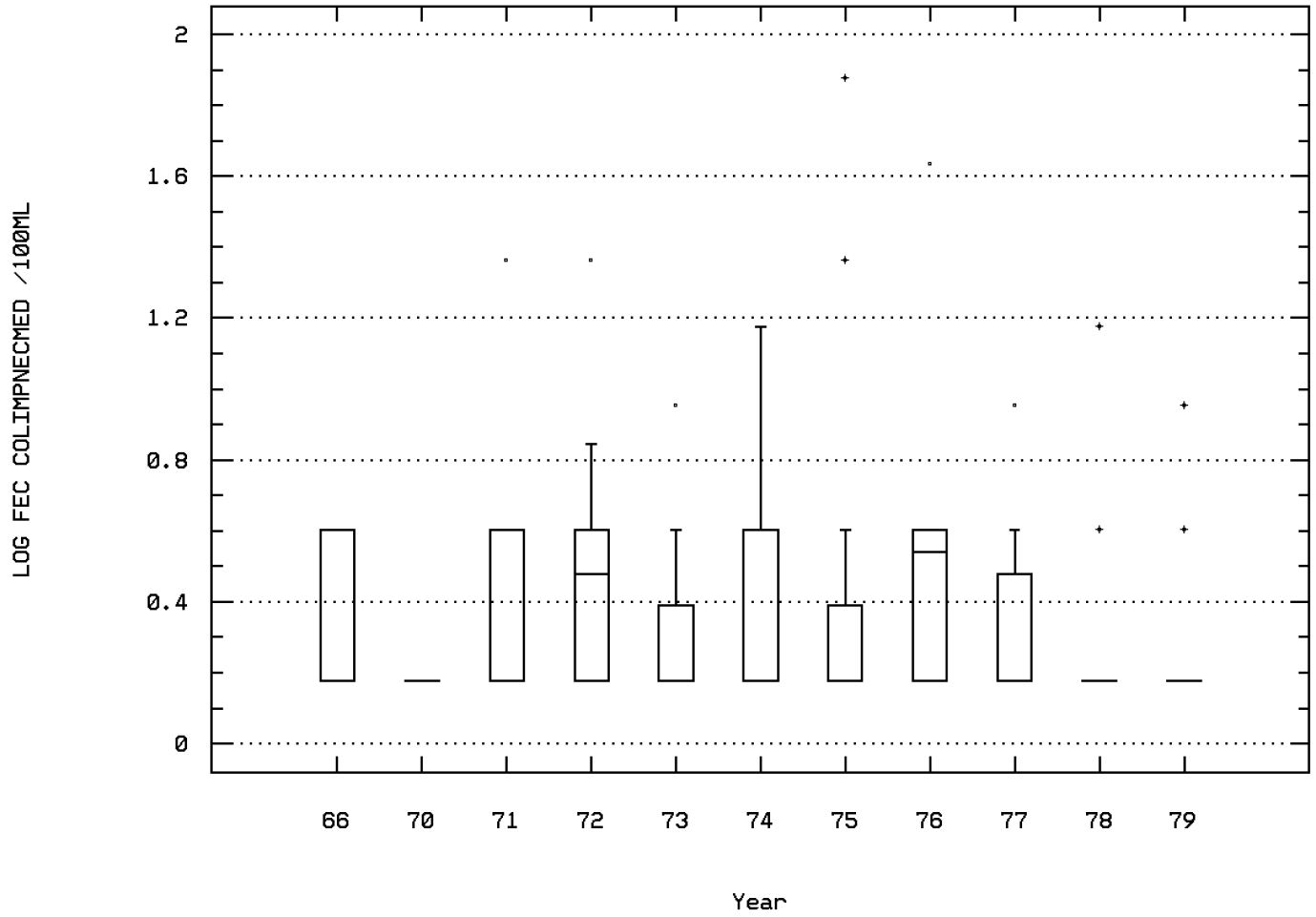
Annual Analysis for 1982 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	9	0.03	0.258	0.85	0.	0.127	0.356	0.	0.	0.635	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	8	0.385	0.669	3.11	0.	1.004	1.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0086 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	38 ##	1.5	6.092	75.	1.5	168.228	12.97	1.5	1.5	4.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	38 ##	0.176	0.446	1.875	0.176	0.188	0.434	0.176	0.176	0.602	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.794								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	48	0.	0.186	2.25	0.	0.171	0.414	0.	0.	0.238	0.691
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	47	0.53	0.815	4.17	0.	1.097	1.047	0.	0.02	0.98	2.396

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0086

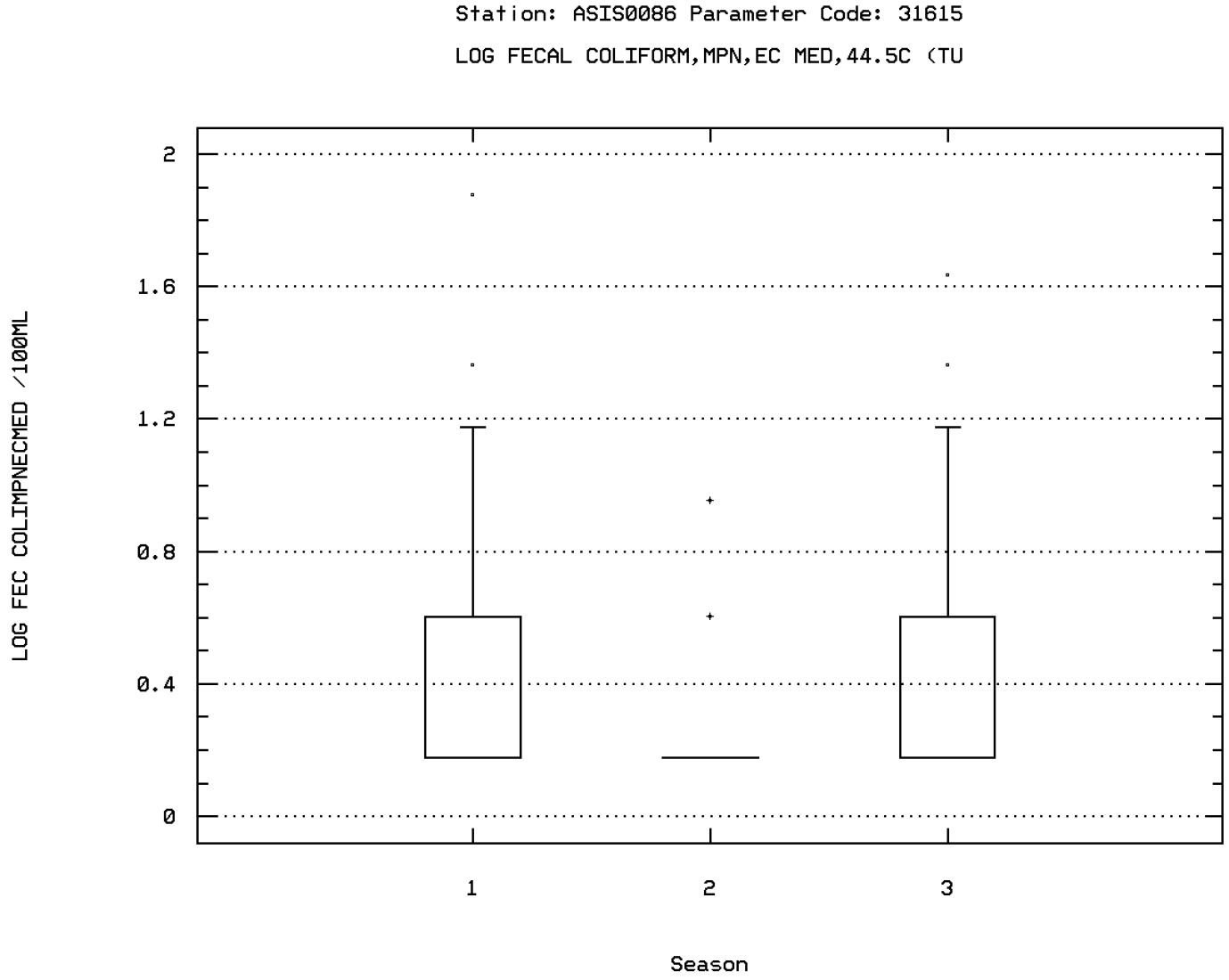
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	38 ##	1.5	2.289	9.	1.5	3.414	1.848	1.5	1.5	1.5	4.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	38 ##	0.176	0.284	0.954	0.176	0.05	0.224	0.176	0.176	0.176	0.602
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.924								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	44	0.	0.133	1.35	0.	0.085	0.291	0.	0.	0.108	0.485
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	44	0.55	0.975	4.93	0.	1.321	1.149	0.	0.	1.615	2.915

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	35 ##	1.5	4.457	43.	1.5	64.138	8.009	1.5	1.5	4.	11.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	01/03/66-09/19/79	35 ##	0.176	0.391	1.633	0.176	0.146	0.382	0.176	0.176	0.602	1.043
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.46								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.	0.128	2.	0.	0.13	0.36	0.	0.	0.	0.642
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	01/03/66-11/30/82	46	0.37	0.759	5.75	0.	1.237	1.112	0.	0.	1.22	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0087

NPS Station ID: ASIS0087 LAT/LON: 37.955004/ -75.325282 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10133A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 16.370 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010114700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	36 ##	1.5	8.972	150.	1.5	675.871	25.998	1.5	1.5	4.	19.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	36 ##	0.176	0.462	2.176	0.176	0.233	0.482	0.176	0.176	0.602	1.158
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.9								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	10 ##	1.5	2.83	9.1	1.5	5.682	2.384	1.5	1.5	3.6	8.55
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	10 ##	0.176	0.361	0.959	0.176	0.073	0.269	0.176	0.176	0.556	0.919
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.294								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	46	0.	0.237	2.25	0.	0.294	0.542	0.	0.	0.063	1.224
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	46	0.645	1.163	5.75	0.	1.613	1.27	0.	0.22	2.153	3.033

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0087

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	36	0	0.00	11	0	0.00	13	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	11 ##	1.5	22.773	150.	1.5	2052.518	45.305	1.5	1.5	43.	128.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	11 ##	0.176	0.662	2.176	0.176	0.584	0.764	0.176	0.176	1.633	2.068
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.588								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.	0.379	2.25	0.	0.415	0.644	0.	0.	0.763	1.571
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.78	1.065	3.75	0.	1.034	1.017	0.014	0.325	1.538	2.875

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	1.5	2.269	4.	1.5	1.442	1.201	1.5	1.5	4.	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	0.176	0.307	0.602	0.176	0.042	0.205	0.176	0.176	0.602	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.028								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	14	0.	0.115	1.35	0.	0.128	0.358	0.	0.	0.063	0.73
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	14	0.55	1.096	3.05	0.	1.385	1.177	0.	0.195	2.29	3.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	2.75	3.583	9.	1.5	7.765	2.787	1.5	1.5	4.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.389	0.448	0.954	0.176	0.096	0.309	0.176	0.176	0.602	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.804								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.	0.201	2.	0.	0.32	0.565	0.	0.	0.	1.44
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.62	1.32	5.75	0.	2.565	1.602	0.	0.038	2.4	3.853

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0088

NPS Station ID: ASIS0088 LAT/LON: 37.956392/ -75.352782 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10122
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 3.490 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010119500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/70-08/24/70	1	23.3	23.3	23.3	23.3	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/24/70-08/24/70	1	33.4	33.4	33.4	33.4	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	40 ##	1.5	3.338	23.	1.5	24.543	4.954	1.5	1.5	1.5	8.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	40 ##	0.176	0.334	1.362	0.176	0.108	0.328	0.176	0.176	0.176	0.943
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.156								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	10 ##	1.5	4.28	23.	1.5	44.244	6.652	1.5	1.5	3.6	21.06
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	10 ##	0.176	0.409	1.362	0.176	0.144	0.38	0.176	0.176	0.556	1.281
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.563								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	50	0.	0.228	2.25	0.	0.275	0.524	0.	0.	0.063	1.162
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	50	0.635	1.097	5.75	0.	1.542	1.242	0.	0.203	1.813	3.011

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	40	0	0.00	13	0	0.00	15	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13	4.	5.308	23.	1.5	36.272	6.023	1.5	1.5	8.	17.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13	0.602	0.537	1.362	0.176	0.16	0.4	0.176	0.176	0.9	1.199
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.442								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	18	0.	0.337	2.25	0.	0.381	0.617	0.	0.	0.708	1.377
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	18	0.675	0.978	3.75	0.	0.984	0.992	0.018	0.235	1.193	2.625

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	15 ##	1.5	2.933	23.	1.5	30.817	5.551	1.5	1.5	1.5	10.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	15 ##	0.176	0.255	1.362	0.176	0.094	0.306	0.176	0.176	0.176	0.65
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.799								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.	0.133	1.35	0.	0.122	0.349	0.	0.	0.088	0.762
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.55	1.009	3.05	0.	1.277	1.13	0.	0.085	1.995	3.036

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	1.5	1.708	4.	1.5	0.521	0.722	1.5	1.5	1.5	3.25
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.176	0.212	0.602	0.176	0.015	0.123	0.176	0.176	0.176	0.474
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.628								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.	0.201	2.	0.	0.32	0.565	0.	0.	0.	1.44
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.62	1.32	5.75	0.	2.565	1.602	0.	0.038	2.4	3.853

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0089

NPS Station ID: ASIS0089 LAT/LON: 37.958892/ -75.325559 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10132A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 16.070 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142906.41 RF3 Mile Point: 6.59 Distance from RF3: 0.08 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	37 ##	1.5	6.541	93.	1.5	268.297	16.38	1.5	1.5	4.	15.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	37 ##	0.176	0.414	1.968	0.176	0.202	0.449	0.176	0.176	0.602	1.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.596								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	10 ##	1.5	3.65	23.	1.5	46.225	6.799	1.5	1.5	1.5	20.85
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	10 ##	0.176	0.295	1.362	0.176	0.141	0.375	0.176	0.176	0.176	1.243
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.971								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	47	0.	0.232	2.25	0.	0.289	0.537	0.	0.	0.05	1.216
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	47	0.64	1.139	5.75	0.	1.605	1.267	0.	0.22	2.12	3.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0089

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	37	0	0.00	12	0	0.00	13	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	2.25	11.417	93.	1.5	676.856	26.016	1.5	1.5	7.75	69.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.327	0.57	1.968	0.176	0.31	0.557	0.176	0.176	0.866	1.731
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.713								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	17	0.	0.357	2.25	0.	0.397	0.63	0.	0.	0.735	1.474
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	17	0.7	1.004	3.75	0.	1.032	1.016	0.016	0.23	1.365	2.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	1.5	4.692	43.	1.5	132.481	11.51	1.5	1.5	1.5	26.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	0.176	0.288	1.633	0.176	0.163	0.404	0.176	0.176	0.176	1.051
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.942								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	14	0.	0.115	1.35	0.	0.128	0.358	0.	0.	0.063	0.73
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	14	0.55	1.096	3.05	0.	1.385	1.177	0.	0.195	2.29	3.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	1.5	3.667	15.	1.5	17.697	4.207	1.5	1.5	4.	13.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.176	0.395	1.176	0.176	0.127	0.356	0.176	0.176	0.602	1.11
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.485								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.	0.201	2.	0.	0.32	0.565	0.	0.	0.	1.44
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.62	1.32	5.75	0.	2.565	1.602	0.	0.038	2.4	3.853

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0090

NPS Station ID: ASIS0090 LAT/LON: 37.959448/ -75.349448 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10123
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 3.350 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142904.56 RF3 Mile Point: 4.80 Distance from RF3: 0.12 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	39 ##	1.5	4.705	93.	1.5	215.667	14.686	1.5	1.5	1.5	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	39 ##	0.176	0.325	1.968	0.176	0.13	0.361	0.176	0.176	0.176	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.112								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	01/08/80-10/05/81	11 ##	1.5	2.455	3.6	1.5	1.203	1.097	1.5	1.5	3.6	3.6
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	01/08/80-10/05/81	11 ##	0.176	0.349	0.556	0.176	0.039	0.199	0.176	0.176	0.556	0.556
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.233								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	50	0.	0.228	2.25	0.	0.275	0.524	0.	0.	0.063	1.162
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	50	0.635	1.096	5.75	0.	1.543	1.242	0.	0.203	1.813	3.011

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0090

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	39	0	0.00	13	0	0.00	14	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	1.5	10.808	93.	1.5	621.772	24.935	1.5	1.5	9.	60.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	0.176	0.566	1.968	0.176	0.297	0.545	0.176	0.176	0.954	1.598
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.679								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	19	0.	0.321	2.25	0.	0.365	0.604	0.	0.	0.68	1.28
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	19	0.7	0.965	3.75	0.	0.932	0.966	0.02	0.24	1.02	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	14 ##	1.5	1.786	4.	1.5	0.566	0.752	1.5	1.5	1.5	3.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	14 ##	0.176	0.228	0.602	0.176	0.018	0.134	0.176	0.176	0.176	0.54
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.691								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	15	0.	0.141	1.35	0.	0.129	0.359	0.	0.	0.1	0.846
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	15	0.5	1.023	3.05	0.	1.366	1.169	0.	0.03	2.12	3.038

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.176	0.176	0.176	0.176	0.	0.	0.176	0.176	0.176	0.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.	0.201	2.	0.	0.32	0.565	0.	0.	0.	1.44
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.62	1.32	5.75	0.	2.565	1.602	0.	0.038	2.4	3.853

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0091

NPS Station ID: ASIS0091 LAT/LON: 37.964448/ -75.343060 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10124
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 2.640 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010114800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	39 ##	1.5	4.846	93.	1.5	223.134	14.938	1.5	1.5	1.5	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	39 ##	0.176	0.316	1.968	0.176	0.136	0.369	0.176	0.176	0.176	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.071								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	10 ##	1.5	2.75	14.	1.5	15.625	3.953	1.5	1.5	1.5	12.75
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	10 ##	0.176	0.273	1.146	0.176	0.094	0.307	0.176	0.176	0.176	1.049
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.875								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	49	0.	0.233	2.25	0.	0.28	0.529	0.	0.	0.075	1.2
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	49	0.63	1.103	5.75	0.	1.572	1.254	0.	0.185	1.915	3.03

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0091

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	39	0	0.00	13	0	0.00	14	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	1.5	10.577	93.	1.5	647.994	25.456	1.5	1.5	4.	65.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	0.176	0.471	1.968	0.176	0.321	0.567	0.176	0.176	0.602	1.726
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.956								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	18	0.	0.337	2.25	0.	0.381	0.617	0.	0.	0.708	1.377
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	18	0.675	0.978	3.75	0.	0.984	0.992	0.018	0.235	1.193	2.625

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	14 ##	1.5	1.679	4.	1.5	0.446	0.668	1.5	1.5	1.5	2.75
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	14 ##	0.176	0.207	0.602	0.176	0.013	0.114	0.176	0.176	0.176	0.389
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.609								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	15	0.	0.141	1.35	0.	0.129	0.359	0.	0.	0.1	0.846
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	15	0.5	1.023	3.05	0.	1.366	1.169	0.	0.03	2.12	3.038

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	1.5	2.333	9.	1.5	4.924	2.219	1.5	1.5	1.5	7.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.176	0.276	0.954	0.176	0.061	0.246	0.176	0.176	0.176	0.849
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.89								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.	0.201	2.	0.	0.32	0.565	0.	0.	0.	1.44
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.62	1.32	5.75	0.	2.565	1.602	0.	0.038	2.4	3.853

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0092

NPS Station ID: ASIS0092 LAT/LON: 37.966115/ -75.325838 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10131A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 21.070 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142904.56 RF3 Mile Point: 6.21 Distance from RF3: 0.15 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	05/06/74-09/06/77	6	34.3	34.167	35.4	32.4	1.431	1.196	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	99 ##	1.5	5.96	93.	1.5	209.519	14.475	1.5	1.5	4.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	99 ##	0.176	0.411	1.968	0.176	0.181	0.425	0.176	0.176	0.602	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.577								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30 ##	1.5	6.127	93.	1.5	282.69	16.813	1.5	1.5	2.025	13.51
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30 ##	0.176	0.386	1.968	0.176	0.191	0.437	0.176	0.176	0.271	1.127
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.433								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	126	0.	0.16	2.25	0.	0.146	0.382	0.	0.	0.05	0.698
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	127	0.48	0.86	5.75	0.	1.246	1.116	0.	0.02	1.18	2.516

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0092

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	99	0	0.00	33	0	0.00	35	0	0.00	31	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	2 ##	0.389	0.389	0.602	0.176	0.091	0.301	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.449								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	2	0.6	0.6	1.2	0.	0.72	0.849	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	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 box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	6	4.	18.833	93.	1.5	1327.667	36.437	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	6	0.602	0.747	1.968	0.176	0.446	0.668	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.578								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	6	0.	0.708	2.25	0.	1.21	1.1	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	6	2.525	2.472	5.75	0.	4.69	2.166	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	9 ##	1.5	4.444	23.	1.5	49.59	7.042	1.5	1.5	4.	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	9 ##	0.176	0.402	1.362	0.176	0.163	0.404	0.176	0.176	0.602	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.526								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	1.2	1.469	3.03	0.03	0.945	0.972	0.03	0.78	2.4	3.03

** - 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 1973 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12 ##	2.75	11.	93.	1.5	674.591	25.973	1.5	1.5	7.75	67.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12 ##	0.389	0.562	1.968	0.176	0.289	0.538	0.176	0.176	0.866	1.664
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.645								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	16 ##	1.5	3.469	23.	1.5	30.849	5.554	1.5	1.5	1.5	13.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	16 ##	0.176	0.325	1.362	0.176	0.122	0.35	0.176	0.176	0.176	1.076
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.116								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	11 ##	1.5	4.5	23.	1.5	42.8	6.542	1.5	1.5	4.	20.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	11 ##	0.176	0.421	1.362	0.176	0.163	0.403	0.176	0.176	0.602	1.28
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.635								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.	0.048	0.33	0.	0.012	0.11	0.	0.	0.038	0.312
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.535	0.723	2.11	0.	0.575	0.758	0.	0.023	1.285	2.059

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	1.5	1.75	4.	1.5	0.625	0.791	1.5	1.5	1.5	3.75
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	0.176	0.219	0.602	0.176	0.018	0.135	0.176	0.176	0.176	0.559
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.655								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	13 ##	1.5	6.538	43.	1.5	155.061	12.452	1.5	1.5	2.75	35.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	13 ##	0.176	0.412	1.633	0.176	0.249	0.499	0.176	0.176	0.389	1.525
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.583								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.385	0.637	2.37	0.	0.637	0.798	0.	0.	0.95	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	1.5	2.5	9.	1.5	5.833	2.415	1.5	1.5	2.125	8.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	0.176	0.297	0.954	0.176	0.071	0.267	0.176	0.176	0.283	0.919
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.979								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	1.5	6.7	43.	1.5	166.067	12.887	1.5	1.5	4.75	39.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	0.176	0.474	1.633	0.176	0.227	0.477	0.176	0.176	0.663	1.555
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.978								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

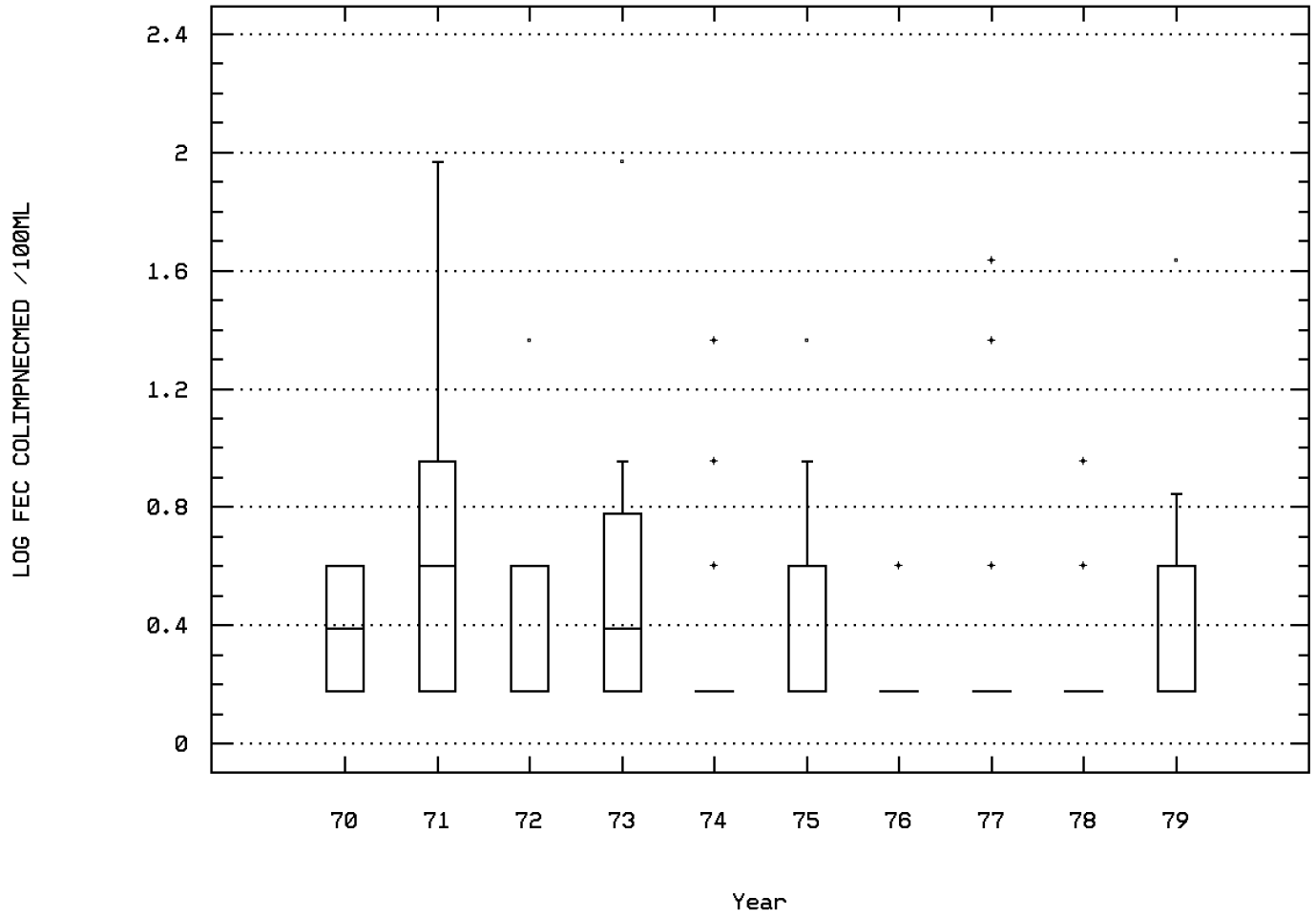
Annual Analysis for 1982 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	8	0.	0.163	0.8	0.	0.093	0.305	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.33	0.652	3.11	0.	0.909	0.954	0.	0.19	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0092 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	33 ##	1.5	11.197	93.	1.5	518.968	22.781	1.5	1.5	9.	35.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	33 ##	0.176	0.596	1.968	0.176	0.302	0.549	0.176	0.176	0.954	1.525
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.945								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	44	0.	0.184	2.25	0.	0.182	0.427	0.	0.	0.17	0.735
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	44	0.57	0.835	4.17	0.	1.085	1.042	0.	0.03	0.98	2.435

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	35 ##	1.5	3.714	43.	1.5	60.71	7.792	1.5	1.5	1.5	5.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	35 ##	0.176	0.316	1.633	0.176	0.116	0.34	0.176	0.176	0.176	0.699
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.069								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	41	0.	0.124	1.35	0.	0.087	0.295	0.	0.	0.075	0.454
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	41	0.6	1.011	4.93	0.	1.37	1.17	0.	0.	1.695	2.984

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	31 ##	1.5	2.919	23.	1.5	16.452	4.056	1.5	1.5	4.	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	31 ##	0.176	0.322	1.362	0.176	0.081	0.285	0.176	0.176	0.602	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.098								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	41	0.	0.169	2.	0.	0.171	0.413	0.	0.	0.005	0.788
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	42	0.235	0.739	5.75	0.	1.317	1.148	0.	0.	1.185	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0093

NPS Station ID: ASIS0093 LAT/LON: 37.970004/ -75.320837 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10130A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 21.360 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142900.01 RF3 Mile Point: 1.86 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	06/22/76-06/22/76	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	37 ##	1.5	7.27	93.	1.5	435.564	20.87	1.5	1.5	2.75	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	37 ##	0.176	0.379	1.968	0.176	0.202	0.45	0.176	0.176	0.389	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.394								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-10/05/81	10 ##	1.5	2.47	9.1	1.5	5.862	2.421	1.5	1.5	2.025	8.55
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-10/05/81	10 ##	0.176	0.292	0.959	0.176	0.069	0.263	0.176	0.176	0.271	0.919
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.961								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	47	0.	0.232	2.25	0.	0.289	0.537	0.	0.	0.05	1.216
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	47	0.64	1.139	5.75	0.	1.605	1.267	0.	0.22	2.12	3.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0093

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	37	0	0.00	12	0	0.00	13	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	1.5	17.792	93.	1.5	1238.93	35.198	1.5	1.5	7.75	93.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.176	0.611	1.968	0.176	0.466	0.683	0.176	0.176	0.866	1.968
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.08								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	17	0.	0.357	2.25	0.	0.397	0.63	0.	0.	0.735	1.474
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	17	0.7	1.004	3.75	0.	1.032	1.016	0.016	0.23	1.365	2.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	0.176	0.176	0.176	0.176	0.	0.	0.176	0.176	0.176	0.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	14	0.	0.115	1.35	0.	0.128	0.358	0.	0.	0.063	0.73
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	14	0.55	1.096	3.05	0.	1.385	1.177	0.	0.195	2.29	3.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	1.5	3.	9.	1.5	6.545	2.558	1.5	1.5	4.	8.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.176	0.368	0.954	0.176	0.089	0.298	0.176	0.176	0.602	0.921
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.332								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.	0.201	2.	0.	0.32	0.565	0.	0.	0.	1.44
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.62	1.32	5.75	0.	2.565	1.602	0.	0.038	2.4	3.853

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0094

NPS Station ID: ASIS0094 LAT/LON: 37.970004/ -75.339448 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10125
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 2.040 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142904.56 RF3 Mile Point: 5.47 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	104 ##	1.5	3.029	43.	1.5	26.873	5.184	1.5	1.5	1.5	7.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	104 ##	0.176	0.305	1.633	0.176	0.088	0.297	0.176	0.176	0.176	0.845
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.017								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30 ##	1.5	1.83	7.2	1.5	1.312	1.145	1.5	1.5	1.5	3.39
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30 ##	0.176	0.224	0.857	0.176	0.024	0.154	0.176	0.176	0.176	0.518
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.676								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	132	0.	0.166	2.25	0.	0.144	0.38	0.	0.	0.095	0.722
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	131	0.5	0.856	5.75	0.	1.234	1.111	0.	0.	1.18	2.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0094

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	104	0	0.00	36	0	0.00	36	0	0.00	32	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	3	4.	4.167	7.	1.5	7.583	2.754	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	3	0.602	0.541	0.845	0.176	0.115	0.339	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.476								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	3	0.	0.4	1.2	0.	0.48	0.693	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	3	0.	0.177	0.53	0.	0.094	0.306	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	7 ##	1.5	8.857	43.	1.5	234.31	15.307	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	7 ##	0.176	0.556	1.633	0.176	0.316	0.563	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.6								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	7	0.	0.68	2.25	0.	1.014	1.007	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	7	2.25	2.119	5.75	0.	4.781	2.187	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	1.5	2.75	9.	1.5	5.903	2.43	1.5	1.5	4.	8.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	0.176	0.339	0.954	0.176	0.078	0.279	0.176	0.176	0.602	0.919
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.183								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	1.09	1.382	3.03	0.03	0.916	0.957	0.087	0.63	2.4	2.967

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12 ##	1.5	2.25	9.	1.5	4.705	2.169	1.5	1.5	1.5	7.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12 ##	0.176	0.266	0.954	0.176	0.054	0.233	0.176	0.176	0.176	0.811
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.845								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.	0.143	1.	0.	0.097	0.311	0.	0.	0.15	0.856
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.075	0.559	2.58	0.	0.866	0.931	0.	0.	1.035	2.466

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	16 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	16 ##	0.176	0.176	0.176	0.176	0.	0.	0.176	0.176	0.176	0.176
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12 ##	1.5	4.125	23.	1.5	40.188	6.339	1.5	1.5	3.375	18.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	12 ##	0.176	0.375	1.362	0.176	0.156	0.395	0.176	0.176	0.496	1.239
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.373								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	1.5	2.3	7.	1.5	3.344	1.829	1.5	1.5	2.125	6.7
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	0.176	0.286	0.845	0.176	0.057	0.238	0.176	0.176	0.283	0.821
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.93								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	14 ##	1.5	3.071	21.	1.5	27.071	5.203	1.5	1.5	1.5	12.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	14 ##	0.176	0.288	1.322	0.176	0.101	0.318	0.176	0.176	0.176	0.962
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.943								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	13	0.	0.098	0.79	0.	0.057	0.239	0.	0.	0.025	0.646
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	13	0.22	0.588	2.37	0.	0.615	0.784	0.	0.	0.95	2.182

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	1.5	2.4	9.	1.5	5.6	2.366	1.5	1.5	1.875	8.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	0.176	0.284	0.954	0.176	0.064	0.254	0.176	0.176	0.251	0.907
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.923								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	1.5	2.25	9.	1.5	5.625	2.372	1.5	1.5	1.5	8.25
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	10 ##	0.176	0.254	0.954	0.176	0.061	0.246	0.176	0.176	0.176	0.876
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.794								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.	0.234	1.28	0.	0.184	0.429	0.	0.	0.478	1.142
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.31	1.094	4.93	0.	2.759	1.661	0.	0.01	2.293	4.465

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.	0.085	0.82	0.	0.067	0.258	0.	0.	0.013	0.74
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

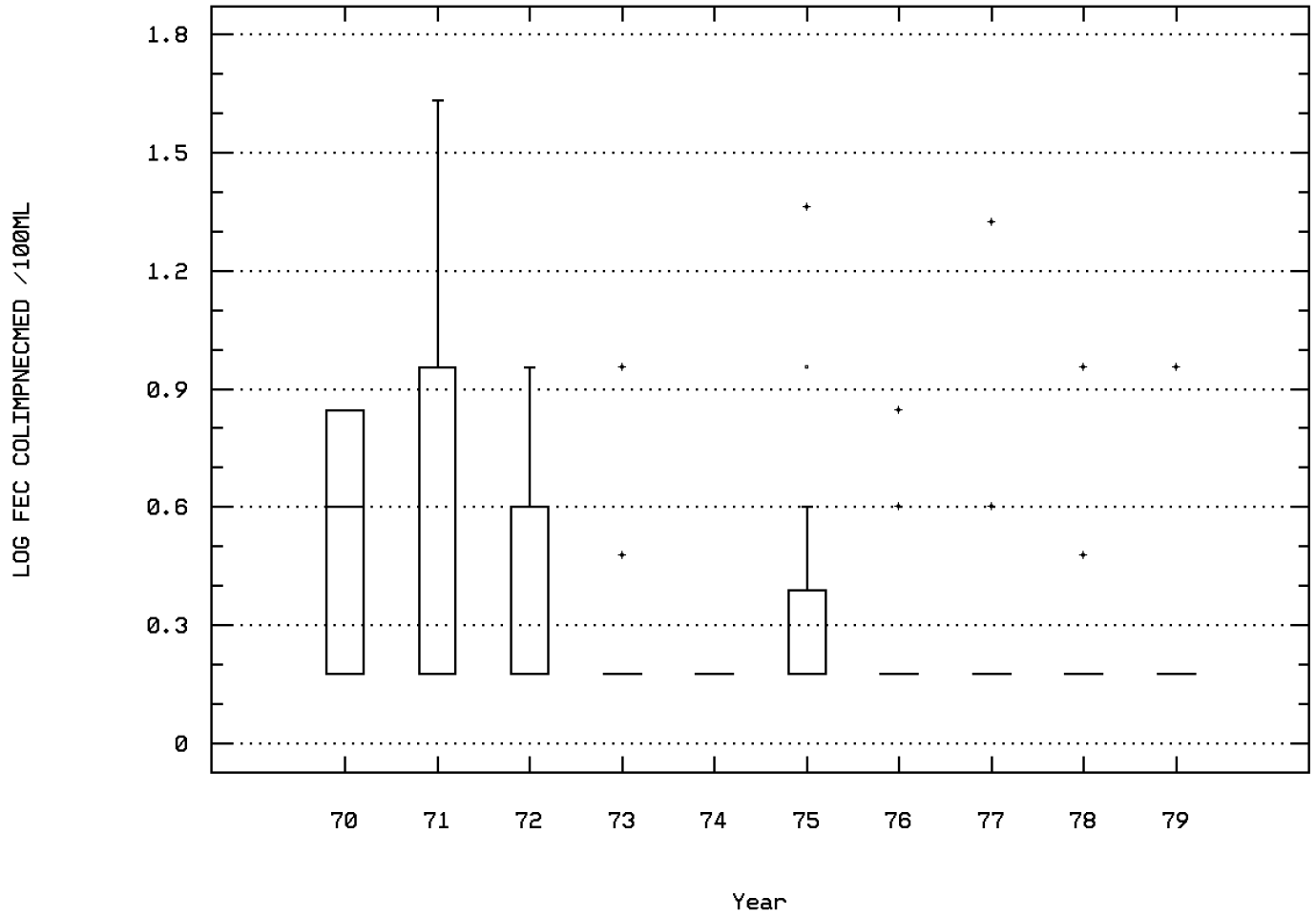
Annual Analysis for 1982 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.03	0.258	0.85	0.	0.127	0.356	0.	0.	0.635	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	8	0.385	0.669	3.11	0.	1.004	1.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0094 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



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Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	36 ##	1.5	5.181	43.	1.5	68.102	8.252	1.5	1.5	6.25	12.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	36 ##	0.176	0.449	1.633	0.176	0.175	0.418	0.176	0.176	0.784	1.065
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.811								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	47	0.	0.197	2.25	0.	0.181	0.425	0.	0.	0.25	0.796
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	46	0.57	0.854	4.17	0.	1.086	1.042	0.	0.03	0.99	2.409

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	36 ##	1.5	1.889	9.	1.5	1.873	1.369	1.5	1.5	1.5	3.3
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	36 ##	0.176	0.23	0.954	0.176	0.027	0.165	0.176	0.176	0.176	0.515
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.697								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	42	0.	0.133	1.35	0.	0.088	0.297	0.	0.	0.103	0.495
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	42	0.55	0.987	4.93	0.	1.361	1.167	0.	0.	1.658	2.961

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	32 ##	1.5	1.891	9.	1.5	2.06	1.435	1.5	1.5	1.5	3.25
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-09/19/79	32 ##	0.176	0.227	0.954	0.176	0.029	0.169	0.176	0.176	0.176	0.474
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.687								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	43	0.	0.165	2.	0.	0.163	0.404	0.	0.	0.01	0.776
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	43	0.24	0.729	5.75	0.	1.292	1.137	0.	0.	1.18	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0095

NPS Station ID: ASIS0095 LAT/LON: 37.974448/ -75.337503 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10126
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 1.590 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010114100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.12 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	39 ##	1.5	1.949	9.	1.5	1.932	1.39	1.5	1.5	1.5	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	39 ##	0.176	0.24	0.954	0.176	0.031	0.176	0.176	0.176	0.176	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.737								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	07/14/80-10/05/81	9 ##	1.5	3.	15.	1.5	20.25	4.5	1.5	1.5	1.5	15.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	07/14/80-10/05/81	9 ##	0.176	0.287	1.176	0.176	0.111	0.333	0.176	0.176	0.176	1.176
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			1.937								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	48	0.	0.238	2.25	0.	0.284	0.533	0.	0.	0.088	1.208
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	48	0.635	1.116	5.75	0.	1.598	1.264	0.	0.168	2.018	3.031

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0095

			Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	39	0	0.00	13	0	0.00	14	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	1.5	2.654	9.	1.5	4.808	2.193	1.5	1.5	4.	7.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	0.176	0.334	0.954	0.176	0.069	0.262	0.176	0.176	0.602	0.813
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.159								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	18	0.	0.337	2.25	0.	0.381	0.617	0.	0.	0.708	1.377
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	18	0.675	0.978	3.75	0.	0.984	0.992	0.018	0.235	1.193	2.625

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	14 ##	1.5	1.679	4.	1.5	0.446	0.668	1.5	1.5	1.5	2.75
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	14 ##	0.176	0.207	0.602	0.176	0.013	0.114	0.176	0.176	0.176	0.389
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.609								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	14	0.	0.151	1.35	0.	0.137	0.371	0.	0.	0.103	0.93
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	14	0.485	1.06	3.05	0.	1.448	1.203	0.	0.023	2.29	3.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.176	0.176	0.176	0.176	0.	0.	0.176	0.176	0.176	0.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.	0.201	2.	0.	0.32	0.565	0.	0.	0.	1.44
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.62	1.32	5.75	0.	2.565	1.602	0.	0.038	2.4	3.853

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0096

NPS Station ID: ASIS0096 LAT/LON: 37.975837/ -75.313337 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10129
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 22.090 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142904.56 RF3 Mile Point: 6.34 Distance from RF3: 0.19 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	37 ##	1.5	8.892	240.	1.5	1536.002	39.192	1.5	1.5	1.5	4.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	37 ##	0.176	0.331	2.38	0.176	0.179	0.424	0.176	0.176	0.176	0.651
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.142								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	07/14/80-10/05/81	9 ##	1.5	3.889	23.	1.5	51.361	7.167	1.5	1.5	1.5	23.
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	07/14/80-10/05/81	9 ##	0.176	0.308	1.362	0.176	0.156	0.395	0.176	0.176	0.176	1.362
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.032								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	46	0.	0.236	2.25	0.	0.295	0.543	0.	0.	0.033	1.224
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	46	0.635	1.149	5.75	0.	1.636	1.279	0.	0.203	2.153	3.033

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0096

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	37	1	0.03	13	1	0.08	12	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	1.5	22.154	240.	1.5	4313.308	65.676	1.5	1.5	5.5	152.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	0.176	0.551	2.38	0.176	0.43	0.656	0.176	0.176	0.724	1.957
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.555								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	18	0.	0.337	2.25	0.	0.381	0.617	0.	0.	0.708	1.377
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	18	0.675	0.978	3.75	0.	0.984	0.992	0.018	0.235	1.193	2.625

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	1.5	1.708	4.	1.5	0.521	0.722	1.5	1.5	1.5	3.25
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.176	0.212	0.602	0.176	0.015	0.123	0.176	0.176	0.176	0.474
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.628								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	12	0.	0.13	1.35	0.	0.149	0.386	0.	0.	0.075	0.978
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	12	0.485	1.179	3.05	0.	1.581	1.258	0.	0.085	2.63	3.044

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	1.5	1.708	4.	1.5	0.521	0.722	1.5	1.5	1.5	3.25
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.176	0.212	0.602	0.176	0.015	0.123	0.176	0.176	0.176	0.474
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.628								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.	0.201	2.	0.	0.32	0.565	0.	0.	0.	1.44
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-10/05/81	16	0.62	1.32	5.75	0.	2.565	1.602	0.	0.038	2.4	3.853

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0097

NPS Station ID: ASIS0097 LAT/LON: 37.981115/ -75.336949 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10127
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010020 RF1 Mile Point: 1.240 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010114100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.23 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480	SALINITY - PARTS PER THOUSAND	05/04/71-05/04/71	1	32.1	32.1	32.1	32.1	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	89 ##	1.5	2.556	23.	1.5	12.054	3.472	1.5	1.5	1.5	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	89 ##	0.176	0.283	1.362	0.176	0.065	0.255	0.176	0.176	0.176	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.919								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	06/30/80-11/30/82	24 ##	1.5	2.975	23.	1.5	20.914	4.573	1.5	1.5	1.5	6.35
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	06/30/80-11/30/82	24 ##	0.176	0.306	1.362	0.176	0.089	0.299	0.176	0.176	0.176	0.758
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.021								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	112	0.	0.168	2.25	0.	0.153	0.391	0.	0.	0.095	0.722
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	111	0.5	0.912	5.75	0.	1.348	1.161	0.	0.	1.28	2.74

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0097

				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	89	0	0.00	30	0	0.00	32	0	0.00	27	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1970 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	3 ##	1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	3 ##	0.176	0.318	0.602	0.176	0.06	0.246	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	3	0.	0.4	1.2	0.	0.48	0.693	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	3	0.	0.177	0.53	0.	0.094	0.306	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	7 ##	1.5	2.571	4.	1.5	1.786	1.336	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	7 ##	0.176	0.359	0.602	0.176	0.052	0.228	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.284								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	7	0.	0.68	2.25	0.	1.014	1.007	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	7	2.25	2.119	5.75	0.	4.781	2.187	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	9 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	9 ##	0.176	0.176	0.176	0.176	0.	0.	0.176	0.176	0.176	0.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	1.2	1.469	3.03	0.03	0.945	0.972	0.03	0.78	2.4	3.03

** - 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 1973 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	1	7.	7.	7.	7.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	1	0.845	0.845	0.845	0.845	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	15 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	15 ##	0.176	0.176	0.176	0.176	0.	0.	0.176	0.176	0.176	0.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.5								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	15	0.	0.105	0.74	0.	0.047	0.218	0.	0.	0.08	0.572
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	15	0.43	0.826	4.17	0.	1.284	1.133	0.	0.	1.28	2.868

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	11 ##	1.5	2.864	9.	1.5	5.455	2.335	1.5	1.5	4.	8.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	11 ##	0.176	0.363	0.954	0.176	0.077	0.277	0.176	0.176	0.602	0.884
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.307								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.83	0.865	2.28	0.	0.738	0.859	0.	0.03	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	10 ##	1.5	2.55	7.	1.5	3.525	1.877	1.5	1.5	4.	6.7
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	10 ##	0.176	0.328	0.845	0.176	0.064	0.254	0.176	0.176	0.602	0.821
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.129								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	14 ##	1.5	3.036	23.	1.5	33.018	5.746	1.5	1.5	1.5	12.25
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	14 ##	0.176	0.261	1.362	0.176	0.1	0.317	0.176	0.176	0.176	0.769
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.823								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	13	0.	0.098	0.79	0.	0.057	0.239	0.	0.	0.025	0.646
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	13	0.22	0.588	2.37	0.	0.615	0.784	0.	0.	0.95	2.182

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	10 ##	1.5	3.9	23.	1.5	45.656	6.757	1.5	1.5	2.125	21.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	10 ##	0.176	0.337	1.362	0.176	0.147	0.384	0.176	0.176	0.283	1.286
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.174								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	9 ##	1.5	2.333	9.	1.5	6.25	2.5	1.5	1.5	1.5	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	9 ##	0.176	0.263	0.954	0.176	0.067	0.259	0.176	0.176	0.176	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.83								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.	0.246	1.28	0.	0.223	0.472	0.	0.	0.465	1.28
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.37	1.38	4.93	0.	3.41	1.847	0.	0.	3.11	4.93

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	7	0.	0.119	0.82	0.	0.096	0.309	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	7	0.48	0.571	1.71	0.15	0.29	0.538	**	**	**	**

** - 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 box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	8	0.085	0.165	0.6	0.	0.046	0.215	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	8	0.185	0.401	1.4	0.	0.269	0.519	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.03	0.258	0.85	0.	0.127	0.356	0.	0.	0.635	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	8	0.385	0.669	3.11	0.	1.004	1.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	30 ##	1.5	4.133	23.	1.5	30.24	5.499	1.5	1.5	4.	8.8
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	30 ##	0.176	0.425	1.362	0.176	0.128	0.358	0.176	0.176	0.602	0.943
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.661								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	40	0.	0.227	2.25	0.	0.207	0.455	0.	0.	0.305	0.817
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	39	0.59	0.944	4.17	0.	1.216	1.103	0.	0.03	1.11	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	32 ##	1.5	1.813	9.	1.5	1.915	1.384	1.5	1.5	1.5	1.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	32 ##	0.176	0.214	0.954	0.176	0.024	0.155	0.176	0.176	0.176	0.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.636								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	36	0.	0.127	1.35	0.	0.079	0.282	0.	0.	0.108	0.475
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	36	0.55	0.977	4.93	0.	1.429	1.195	0.	0.	1.615	3.036

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	27 ##	1.5	1.685	4.	1.5	0.445	0.667	1.5	1.5	1.5	2.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	27 ##	0.176	0.208	0.602	0.176	0.013	0.114	0.176	0.176	0.176	0.261
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.613								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	36	0.	0.142	2.	0.	0.17	0.412	0.	0.	0.	0.758
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	36	0.4	0.813	5.75	0.	1.472	1.213	0.	0.	1.195	2.532

** - 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 box-and-whisker plot

Station Inventory for Station: ASIS0098

NPS Station ID: ASIS0098 LAT/LON: 37.981392/ -75.308616 Agency: 21VASWCB Date Created: 10/02/82
Location: CHINCOTEAGUE ASSATEAGUE IS NUMBERED STATIONS FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): BSS10128
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: RAPPAHANNOCK-YORK RIVERS VIRGINIA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 13.850 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 02060010142904.56 RF3 Mile Point: 5.79 Distance from RF3: 0.26 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0098

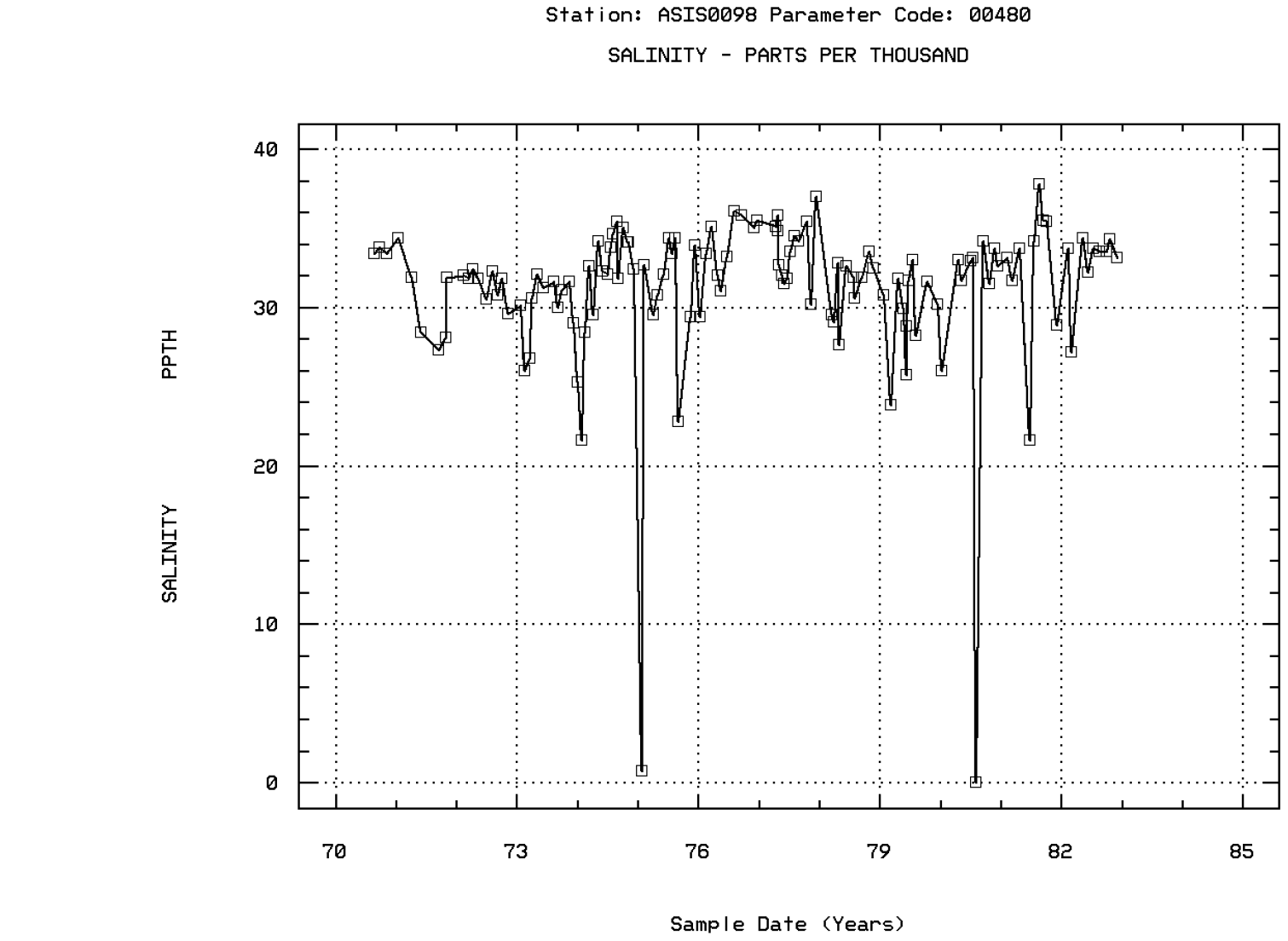
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	128	32.1	31.295	37.8	0.01	23.996	4.899	27.29	30.2	33.7	35.01
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	99 ##	1.5	3.838	93.	1.5	106.509	10.32	1.5	1.5	1.5	4.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	99 ##	0.176	0.317	1.968	0.176	0.108	0.329	0.176	0.176	0.176	0.602
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.077								
31621	FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100ML	10/11/79-11/30/82	30 ##	1.5	8.67	150.	1.5	762.164	27.607	1.5	1.5	3.6	9.1
31621	LOG FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/10	10/11/79-11/30/82	30 ##	0.176	0.406	2.176	0.176	0.231	0.48	0.176	0.176	0.556	0.959
31621	GM FECAL COLIFORM,A-1 MOD,WATER,44.5C,24HR MPN/100	GEOMETRIC MEAN =			2.548								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	126	0.	0.159	2.25	0.	0.145	0.381	0.	0.	0.058	0.698
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	127	0.5	0.874	5.75	0.	1.254	1.12	0.	0.	1.18	2.516

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0098

			Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			--------------n/a--------------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	99	0	0.00	35	0	0.00	35	0	0.00	29	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



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Annual Analysis for 1970 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	3	33.4	33.533	33.8	33.4	0.053	0.231	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	3 ##	1.5	3.333	7.	1.5	10.083	3.175	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	3 ##	0.176	0.399	0.845	0.176	0.149	0.386	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.507								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	3	0.	0.4	1.2	0.	0.48	0.693	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	3	0.	0.177	0.53	0.	0.094	0.306	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	6	30.15	30.333	34.4	27.3	7.875	2.806	**	**	**	**
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	6 ##	1.5	7.75	39.	1.5	234.375	15.309	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	6 ##	0.176	0.412	1.591	0.176	0.334	0.578	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.582								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	6	0.	0.708	2.25	0.	1.21	1.1	**	**	**	**
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	6	2.525	2.472	5.75	0.	4.69	2.166	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	9	31.8	31.444	32.4	29.6	0.88	0.938	29.6	30.65	32.15	32.4
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	9 ##	1.5	4.722	23.	1.5	53.132	7.289	1.5	1.5	5.25	23.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	9 ##	0.176	0.394	1.362	0.176	0.198	0.445	0.176	0.176	0.565	1.362
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.479								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	1.2	1.469	3.03	0.03	0.945	0.972	0.03	0.78	2.4	3.03

** - 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 1973 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	11	30.6	30.009	32.1	26.	3.979	1.995	26.16	29.	31.6	32.
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	11 ##	1.5	2.636	9.	1.5	5.455	2.335	1.5	1.5	4.	8.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	11 ##	0.176	0.324	0.954	0.176	0.073	0.27	0.176	0.176	0.602	0.884
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.11								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.	0.109	1.	0.	0.091	0.302	0.	0.	0.	0.84
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.06	0.494	2.58	0.	0.896	0.946	0.	0.	0.3	2.504

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	16	32.5	31.7	35.4	21.6	14.38	3.792	24.19	30.075	34.175	35.12
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	16 ##	1.5	1.813	4.	1.5	0.729	0.854	1.5	1.5	1.5	4.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	16 ##	0.176	0.229	0.602	0.176	0.021	0.145	0.176	0.176	0.176	0.602

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.696								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	16	0.	0.099	0.74	0.	0.045	0.212	0.	0.	0.073	0.544
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	16	0.44	0.806	4.17	0.	1.205	1.098	0.	0.	1.205	2.651

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	11	32.1	28.555	34.4	0.7	96.579	9.827	5.12	29.4	33.9	34.4
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	1.5	3.917	23.	1.5	37.356	6.112	1.5	1.5	4.	17.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	12 ##	0.176	0.381	1.362	0.176	0.131	0.362	0.176	0.176	0.602	1.134
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.407								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.	0.073	0.33	0.	0.018	0.133	0.	0.	0.15	0.328
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.83	0.862	2.28	0.	0.743	0.862	0.	0.	1.6	2.246

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	10	34.2	33.65	36.1	29.4	5.116	2.262	29.56	31.75	35.575	36.07
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	10 ##	1.5	2.	4.	1.5	1.111	1.054	1.5	1.5	2.125	4.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	10 ##	0.176	0.261	0.602	0.176	0.032	0.18	0.176	0.176	0.283	0.602
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.825								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.04	0.247	1.35	0.	0.195	0.442	0.	0.	0.365	1.283
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.5	0.44	1.4	0.	0.195	0.442	0.	0.015	0.645	1.329

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	13	34.2	33.731	37.	30.2	3.906	1.976	30.72	31.9	35.25	36.52
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	1.5	8.538	93.	1.5	644.019	25.378	1.5	1.5	1.5	56.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	13 ##	0.176	0.314	1.968	0.176	0.247	0.497	0.176	0.176	0.176	1.252
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.06								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.	0.106	0.79	0.	0.062	0.248	0.	0.	0.038	0.682
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	12	0.385	0.637	2.37	0.	0.637	0.798	0.	0.	0.95	2.229

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	10	31.9	31.2	33.5	27.6	3.678	1.918	27.75	29.4	32.65	33.43
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	10 ##	1.5	2.25	9.	1.5	5.625	2.372	1.5	1.5	1.5	8.25
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	10 ##	0.176	0.254	0.954	0.176	0.061	0.246	0.176	0.176	0.176	0.876
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.794								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.915	1.378	3.05	0.	1.414	1.189	0.003	0.458	2.635	3.049

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	11	30.2	29.591	33.	23.8	7.815	2.796	24.18	28.2	31.7	32.76
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	9 ##	1.5	2.5	4.	1.5	1.5	1.225	1.5	1.5	4.	4.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	9 ##	0.176	0.352	0.602	0.176	0.045	0.212	0.176	0.176	0.602	0.602
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.247								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.	0.255	1.28	0.	0.197	0.443	0.	0.	0.6	1.188
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	11	0.37	1.19	4.93	0.	2.914	1.707	0.	0.	2.84	4.62

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	10	32.75	28.871	34.2	0.01	108.1	10.397	2.609	30.125	33.25	34.15
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.	0.093	0.82	0.	0.074	0.273	0.	0.	0.01	0.82
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	10	0.5	0.591	1.71	0.15	0.197	0.444	0.157	0.235	0.708	1.612

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	9	33.7	32.433	37.8	21.6	22.82	4.777	21.6	30.3	35.45	37.8
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.17	0.241	0.85	0.	0.093	0.304	0.	0.	0.45	0.85
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.37	0.398	1.4	0.	0.236	0.486	0.	0.	0.72	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

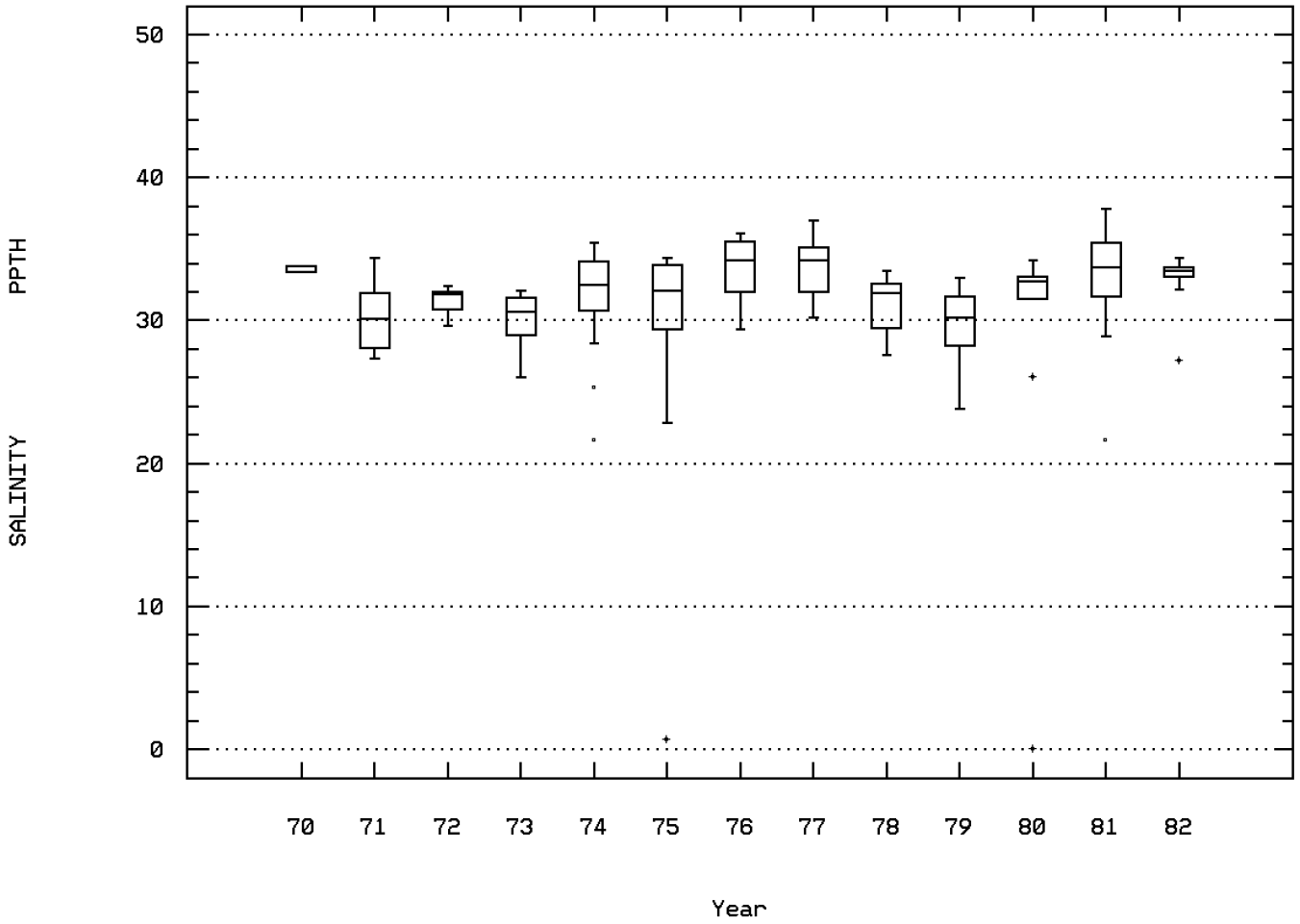
Annual Analysis for 1982 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	9	33.5	32.844	34.4	27.2	4.9	2.214	27.2	32.65	34.	34.4
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.	0.163	0.8	0.	0.081	0.285	0.	0.	0.32	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	9	0.44	0.689	3.11	0.	0.882	0.939	0.	0.22	0.69	3.11

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0098 Parameter Code: 00480

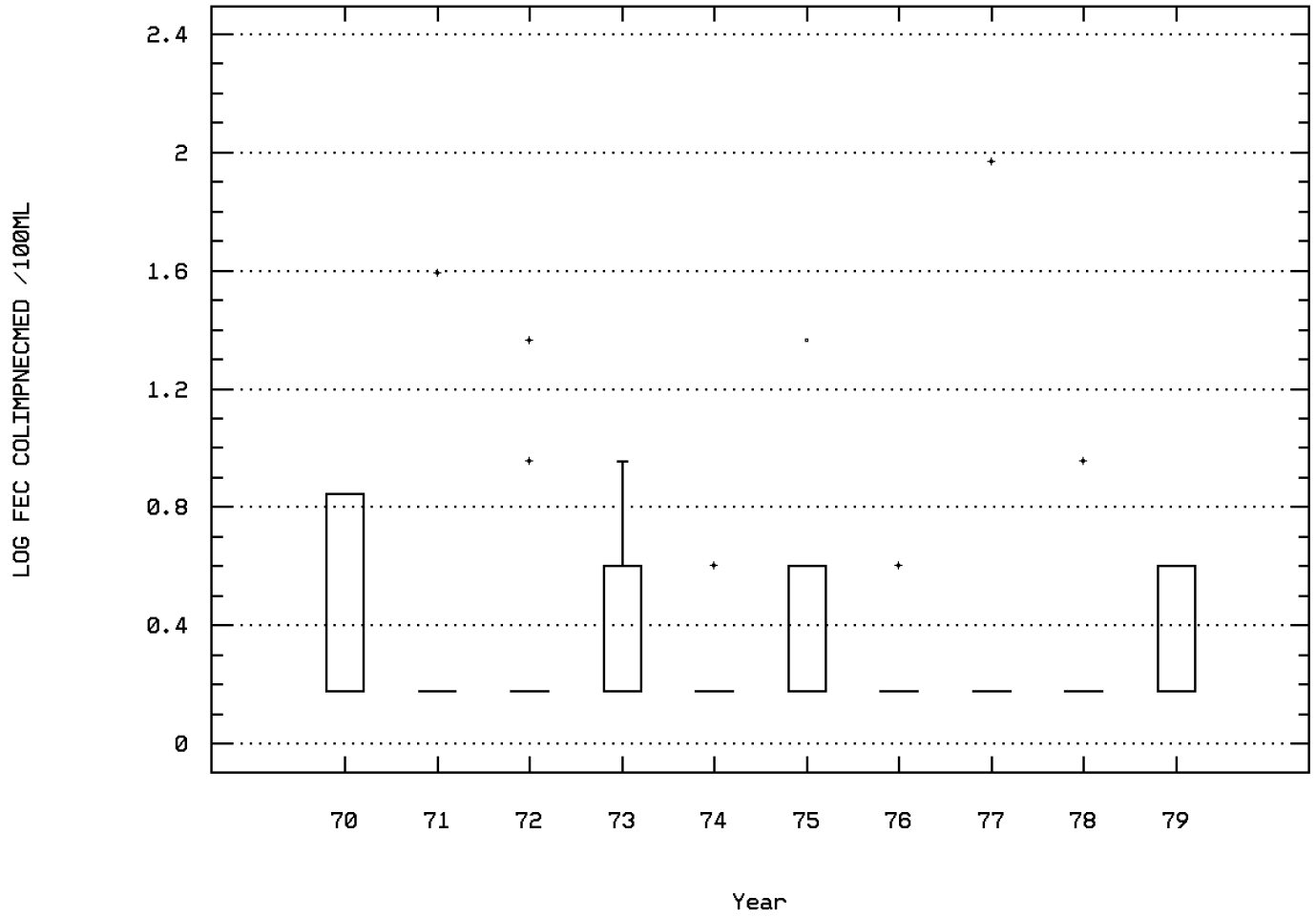
SALINITY - PARTS PER THOUSAND



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station: ASIS0098 Parameter Code: 31615

LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	46	31.85	30.546	37.	0.7	30.653	5.537	25.79	29.3	33.55	34.58
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	35 ##	1.5	7.643	93.	1.5	281.803	16.787	1.5	1.5	4.	23.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	35 ##	0.176	0.509	1.968	0.176	0.219	0.468	0.176	0.176	0.602	1.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.225								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	46	0.	0.183	2.25	0.	0.175	0.419	0.	0.	0.213	0.713
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	46	0.57	0.859	4.17	0.	1.086	1.042	0.	0.028	0.99	2.409

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	42	31.85	31.395	35.8	21.6	7.202	2.684	27.84	30.35	32.825	34.68
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	35 ##	1.5	1.686	4.	1.5	0.398	0.631	1.5	1.5	1.5	2.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	35 ##	0.176	0.209	0.602	0.176	0.012	0.111	0.176	0.176	0.176	0.297
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.618								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	41	0.	0.124	1.35	0.	0.087	0.295	0.	0.	0.075	0.454
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	41	0.6	1.011	4.93	0.	1.37	1.17	0.	0.	1.695	2.984

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

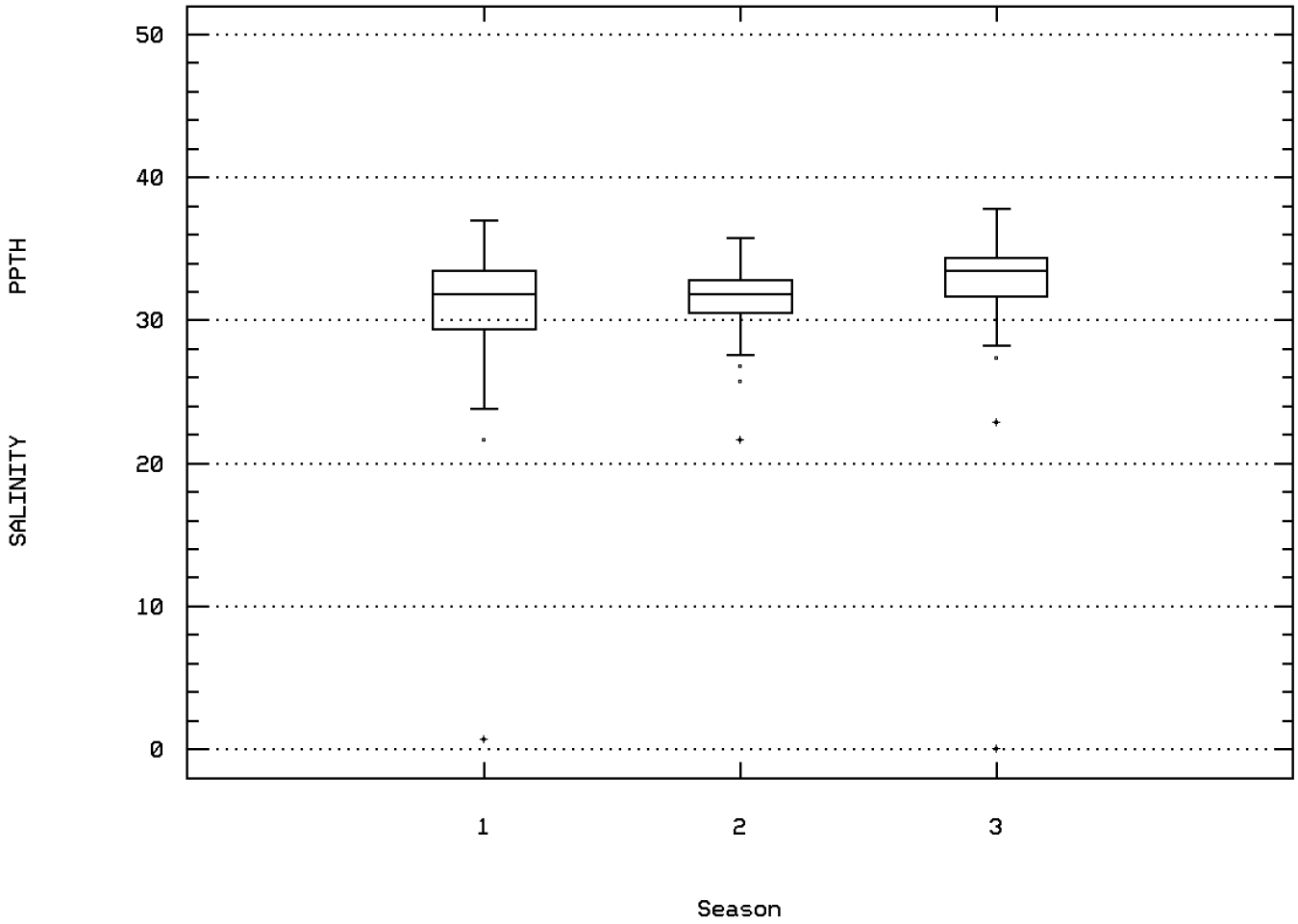
Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00480p	SALINITY - PARTS PER THOUSAND	08/24/70-11/30/82	40	33.45	32.05	37.8	0.01	33.942	5.826	28.38	31.65	34.4	35.49
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	29 ##	1.5	1.845	9.	1.5	2.109	1.452	1.5	1.5	1.5	1.5
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/24/70-08/06/79	29 ##	0.176	0.218	0.954	0.176	0.026	0.162	0.176	0.176	0.176	0.176
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.65								
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	39	0.	0.168	2.	0.	0.175	0.419	0.	0.	0.	0.8
82554	RAINFALL IN 7 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	08/24/70-11/30/82	40	0.305	0.751	5.75	0.	1.358	1.165	0.	0.	1.043	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ASIS0098 Parameter Code: 00480

SALINITY - PARTS PER THOUSAND



CHINCOTEAGUE ASSATEAGUE IS NUMBERED STA

Station Inventory for Station: ASIS0099

NPS Station ID: ASIS0099 LAT/LON: 37.981670/ -75.309170 Agency: 11NPSWRD Date Created: 07/01/95
Location: WILDCAT POINT FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_VB1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
SAMPLE SITE IS LOCATED IN THE VIRGINIA PORTION OF CHINCOTEAGUE BAY APPROXIMATELY 300 METERS EAST OF THE NORTHERNMOST TIP OF CHINCOTEAGUE ISLAND. STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND NATIONAL SEASHORE AS PART OF A NETWORK TO MONITOR WATER QUALITY IN

Parameter Inventory for Station: ASIS0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/91-10/19/94	26	23.8	22.538	29.7	12.2	25.757	5.075	14.37	18.25	26.825	27.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-10/19/94	18	49150.	48550.	52100.	40100.	8374411.765	2893.858	44060.	47625.	50800.	51110.
00300	OXYGEN, DISSOLVED MG/L	05/01/91-10/19/94	26	6.	6.165	8.	4.6	1.006	1.003	4.97	5.3	6.975	7.83
00406	PH, FIELD, STANDARD UNITS SU	05/01/91-10/19/94	25	7.7	7.69	8.	7.5	0.016	0.127	7.522	7.6	7.73	7.896
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/01/91-10/19/94	25	7.7	7.674	8.	7.5	0.016	0.128	7.522	7.6	7.73	7.896
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/91-10/19/94	25	0.02	0.021	0.032	0.01	0.	0.006	0.013	0.019	0.025	0.03
00480	SALINITY - PARTS PER THOUSAND	05/01/91-10/19/94	26	31.9	30.727	34.4	7.6	25.39	5.039	27.8	30.925	32.775	33.43
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/91-09/16/94	25	20.	30.36	108.	4.	833.157	28.864	6.	9.	42.5	81.4
00600	NITROGEN, TOTAL (MG/L AS N)	05/01/91-07/14/94	23	0.34	0.36	0.65	0.13	0.019	0.137	0.164	0.27	0.48	0.572
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/91-09/16/94	25	0.021	0.026	0.086	0.003	0.	0.022	0.003	0.007	0.037	0.063
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/91-09/16/94	25	0.006	0.008	0.04	0.	0.	0.009	0.001	0.002	0.01	0.024
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/91-07/14/94	23	0.037	0.045	0.093	0.014	0.001	0.023	0.018	0.03	0.072	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/91-09/16/94	25	0.008	0.01	0.019	0.001	0.	0.005	0.004	0.006	0.016	0.018
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/91-09/16/94	25	2.6	2.536	5.2	0.2	1.867	1.366	0.66	1.45	3.35	4.5
32230	CHLOROPHYLL A (MG/L)	05/01/91-09/16/94	24	0.001	0.003	0.014	0.	0.	0.004	0.	0.001	0.004	0.013
32231	CHLOROPHYLL B (MG/L)	05/01/91-09/16/94	13	0.	0.001	0.004	0.	0.	0.001	0.	0.	0.001	0.004
32232	CHLOROPHYLL C (MG/L)	05/01/91-08/09/94	12	0.001	0.001	0.002	0.	0.	0.001	0.	0.	0.001	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

EPA Water Quality Criteria Analysis for Station: ASIS0099

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	26	0	0.00	2	0	0.00	12	0	0.00	12	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	25	0	0.00	2	0	0.00	12	0	0.00	11	0	0.00			
		Other-Lo Lim.	6.5	25	0	0.00	2	0	0.00	12	0	0.00	11	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0100

NPS Station ID: ASIS0100 LAT/LON: 37.984338/ -75.422837 Agency: 11NPSWRD Date Created: 07/01/95
Location: SINNICKSON FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_VB3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
SAMPLE SITE IS LOCATED IN THE VIRGINIA PORTION OF CHINCOTEAGUE BAY AT THE MOUTH OF CREEK NEAR AN OLD CLAMMING/OYSTER FLOAT (LOOKS LIKE A DOCK IN THE MIDDLE OF THE COVE). THERE IS A BROWN HOUSE ON THE POINT TO THE RIGHT OF THE CREEK.
STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND

Parameter Inventory for Station: ASIS0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/91-10/19/94	26	24.4	23.042	29.9	13.3	24.121	4.911	15.25	18.725	27.225	28.17
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-10/19/94	18	46900.	45711.111	50700.	36000.	11755163.399	3428.58	41670.	44000.	47725.	50340.
00300	OXYGEN, DISSOLVED MG/L	05/01/91-10/19/94	26	6.15	6.288	10.	3.3	2.095	1.447	4.58	5.3	7.2	8.26
00406	PH, FIELD, STANDARD UNITS SU	05/01/91-10/19/94	26	7.7	7.703	8.44	7.3	0.047	0.217	7.47	7.595	7.793	7.954
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/01/91-10/19/94	26	7.7	7.66	8.44	7.3	0.049	0.221	7.47	7.595	7.792	7.954
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/91-10/19/94	26	0.02	0.022	0.05	0.004	0.	0.009	0.011	0.016	0.025	0.034
00480	SALINITY - PARTS PER THOUSAND	05/01/91-10/19/94	26	30.3	29.777	33.4	22.7	4.396	2.097	27.34	28.75	30.95	31.95
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/91-09/16/94	25	11.	29.24	200.	2.	1918.107	43.796	3.2	5.	26.5	83.6
00600	NITROGEN, TOTAL (MG/L AS N)	05/01/91-09/16/94	25	0.39	0.422	1.4	0.18	0.058	0.241	0.23	0.27	0.485	0.622
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/91-09/16/94	25	0.011	0.021	0.156	0.003	0.001	0.032	0.003	0.003	0.024	0.05
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/91-09/16/94	25	0.004	0.055	1.	0.001	0.039	0.198	0.001	0.002	0.03	0.068
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/91-09/16/94	25	0.049	0.051	0.165	0.024	0.001	0.028	0.026	0.034	0.056	0.073
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/91-09/16/94	25	0.009	0.01	0.023	0.002	0.	0.006	0.003	0.005	0.013	0.02
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/91-09/16/94	25	2.5	2.76	5.7	0.8	2.073	1.44	0.9	1.55	4.1	4.84
32230	CHLOROPHYLL A (MG/L)	05/01/91-09/16/94	24	0.003	0.003	0.011	0.	0.	0.003	0.001	0.002	0.003	0.008
32231	CHLOROPHYLL B (MG/L)	05/01/91-09/16/94	16	0.	0.001	0.002	0.	0.	0.001	0.	0.	0.001	0.002
32232	CHLOROPHYLL C (MG/L)	05/01/91-09/16/94	18	0.001	0.001	0.003	0.	0.	0.001	0.	0.	0.001	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

EPA Water Quality Criteria Analysis for Station: ASIS0100

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	26	1	0.04	2	0	0.00	12	1	0.08	12	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	26	0	0.00	2	0	0.00	12	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	26	0	0.00	2	0	0.00	12	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0101

NPS Station ID: ASIS0101 LAT/LON: 38.005337/ -75.386337 Agency: 11NPSWRD Date Created: 07/01/95
Location: GREENBACKVILLE FIPS State/County: 51001 VIRGINIA/ACCOMACK
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_VB2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
SAMPLE SITE IS LOCATED IN THE VIRGINIA PORTION OF CHINCOTEAGUE BAY AT GREENBACKVILLE. SAMPLES ARE TAKEN JUST WEST OF THE JETTY WHERE WATER FLOWS OUT OF THE DOCK AREA/MARINA. STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND NATIONAL SEASHORE AS PART OF A NETWORK TO MONITOR WATER QUALITY IN

Parameter Inventory for Station: ASIS0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/91-10/19/94	26	24.15	22.758	29.8	13.2	23.979	4.897	14.82	18.625	26.75	27.76
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/91-10/19/94	18	46850.	46155.556	52100.	35200.	16275555.556	4034.297	40960.	43375.	48450.	51650.
00300	OXYGEN, DISSOLVED MG/L	05/01/91-10/19/94	26	6.2	6.446	9.8	4.2	2.261	1.504	4.67	5.25	7.45	8.75
00406	PH, FIELD, STANDARD UNITS SU	05/01/91-10/19/94	25	7.7	7.754	8.58	7.46	0.068	0.261	7.5	7.595	7.86	8.168
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/01/91-10/19/94	25	7.7	7.697	8.58	7.46	0.072	0.268	7.5	7.595	7.86	8.168
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/91-10/19/94	25	0.02	0.02	0.035	0.003	0.	0.009	0.007	0.014	0.025	0.032
00480	SALINITY - PARTS PER THOUSAND	05/01/91-10/19/94	26	30.3	30.042	34.4	22.2	6.319	2.514	27.09	28.35	31.425	33.23
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/01/91-09/16/94	25	15.	36.8	297.	3.	3777.917	61.465	3.6	8.5	47.	90.8
00600	NITROGEN, TOTAL (MG/L AS N)	05/01/91-09/16/94	25	0.37	0.422	0.71	0.18	0.022	0.149	0.202	0.325	0.51	0.656
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/01/91-09/16/94	25	0.018	0.037	0.233	0.003	0.003	0.052	0.003	0.01	0.043	0.114
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/01/91-09/16/94	25	0.005	0.009	0.04	0.	0.	0.011	0.001	0.002	0.01	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/01/91-09/16/94	25	0.052	0.054	0.108	0.02	0.	0.02	0.028	0.043	0.067	0.084
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/01/91-09/16/94	25	0.012	0.013	0.027	0.002	0.	0.007	0.003	0.008	0.02	0.022
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/01/91-09/16/94	25	3.4	3.159	7.7	0.08	4.61	2.147	0.4	1.2	4.75	6.18
32230	CHLOROPHYLL A (MG/L)	05/01/91-09/16/94	25	0.002	0.003	0.017	0.	0.	0.003	0.	0.002	0.004	0.007
32231	CHLOROPHYLL B (MG/L)	05/01/91-09/16/94	18	0.	0.	0.001	0.	0.	0.	0.	0.	0.001	0.001
32232	CHLOROPHYLL C (MG/L)	05/01/91-09/16/94	20	0.001	0.001	0.005	0.	0.	0.001	0.	0.	0.001	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

EPA Water Quality Criteria Analysis for Station: ASIS0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	26	0	0.00	2	0	0.00	12	0	0.00	12	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	25	0	0.00	2	0	0.00	11	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	25	0	0.00	2	0	0.00	11	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0102

NPS Station ID: ASIS0102 LAT/LON: 38.010003/ -75.301115 Agency: 21MDEXP Date Created: 10/11/80
Location: 7MI NORTH OF RAGGED PT,1MI WSW OF TOBY ISLANDS FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM0619
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 9.950 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001912.29 RF3 Mile Point: 21.20 Distance from RF3: 0.02 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 11.30
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 7MI NORTH OF RAGGED PT,1MI WSW OF TOBY ISLANDS 4FT DEPTH

Parameter Inventory for Station: ASIS0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0103

NPS Station ID: ASIS0103
LAT/LON: 38.021698/ -75.331392
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT FL DAYBEACON 16
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM1301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02060010143282.25
RF3 Mile Point: 83.55
Distance from RF3: 0.72
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN AT FL DAYBEACON 16

Parameter Inventory for Station: ASIS0103

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0104

NPS Station ID: ASIS0104
LAT/LON: 38.024809/ -75.337226
Agency: 21MDEXP
Date Created: 10/11/80
Location: 600 YDS NW OF FL R 4M "16" 5 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBL1598
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 29.870
Distance from RF1: 12.20
On/Off RF1: ON
RF3 Index: 02060010128700.38
RF3 Mile Point: 0.46
Distance from RF3: 0.02
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 600 YDS NW OF FL R 4M "16" 5 FT DEPTH

Parameter Inventory for Station: ASIS0104

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0105

NPS Station ID: ASIS0105 LAT/LON: 38.025892/ -75.297281 Agency: 21MDEXP Date Created: 10/11/80
Location: 1 MILE OFF TOBY ISLAND IN DIRECT LINE WITH ASSAC FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM1622
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 8.420 Distance from RF1: 16.00 On/Off RF1: ON
RF3 Index: 02060010099700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.09 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 12.70
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1 MILE OFF TOBY ISLAND IN DIRECT LINE WITH ASSACORKIN ISLAND 6A

Parameter Inventory for Station: ASIS0105

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0106

NPS Station ID: ASIS0106
LAT/LON: 38.025948/ -75.211170
Agency: 21MDEXP
Date Created: 10/11/80
Location: 1.5 MI EAST OF STATE LINE 40 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM1673
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 50.760
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010014500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.90
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS 1.5 MI EAST OF STATE LINE 40 FT DEPTH

Parameter Inventory for Station: ASIS0106

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0107

NPS Station ID: ASIS0107
LAT/LON: 38.027753/ -75.312170
Agency: 21MDEXP
Date Created: 10/11/80
Location: 1.15 MI ENE OF FL R 4M "16" 6 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM1714
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 29.280
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010013500.00
RF3 Mile Point: 5.13
Distance from RF3: 0.61
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1.15 MI ENE OF FL R 4M "16" 6 FT DEPTH

Parameter Inventory for Station: ASIS0107

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0108

NPS Station ID: ASIS0108 LAT/LON: 38.027781/ -75.371866 Agency: 21MDEXP Date Created: 10/11/80
Location: 700 YDS WEST OF PURNELL PT,MIDDLE OF PURNELL BAY FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBL1677
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010022 RF1 Mile Point: 2.100 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010099700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.47 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 11.90
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 700 YDS WEST OF PURNELL PT,MIDDLE OF PURNELL BAY,4FT DEPTH

Parameter Inventory for Station: ASIS0108

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0109

NPS Station ID: ASIS0109
LAT/LON: 38.029893/ -75.328420
Agency: 21MDEXP
Date Created: 10/11/80
Location: 115 MI SE OF MILLS IS CHANNEL 1000 YDS EAST OF M
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM1703
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 29.280
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143274.34
RF3 Mile Point: 77.88
Distance from RF3: 1.79
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 12.50
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 115 MI SE OF MILLS IS CHANNEL 1000 YDS EAST OF MILLS IS,77FT DEPTH

Parameter Inventory for Station: ASIS0109

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0110

NPS Station ID: ASIS0110 LAT/LON: 38.030115/ -75.287116 Agency: 21MDEXP Date Created: 10/11/80
Location: 700 YDS WEST OF CEDAR ISLANDS 5 FT DPTH FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM1928
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 8.420 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010099700.00 RF3 Mile Point: 0.00 Distance from RF3: 1.06 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 700 YDS WEST OF CEDAR ISLANDS 5 FT DPTH

Parameter Inventory for Station: ASIS0110

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0111

NPS Station ID: ASIS0111
LAT/LON: 38.033865/ -75.262365
Agency: 21MDEXP
Date Created: 10/11/80
Location: .65 MI EAST OF CEDAR ISLANDS 4 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM2143
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 6.530
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010014500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.72
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN .65 MI EAST OF CEDAR ISLANDS 4 FT DEPTH

Parameter Inventory for Station: ASIS0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0112

NPS Station ID: ASIS0112 LAT/LON: 38.035587/ -75.360587 Agency: 21MDEXP Date Created: 10/11/80
Location: 2000 FT S OF GEORGE IS LDG AND 600 FT SW OF LIGH FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBL2283
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010022 RF1 Mile Point: 0.550 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010002200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.40 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE PARKER BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY 2000 FT S OF GEORGE IS LDG AND 600 FT SW OF LIGHT

Parameter Inventory for Station: ASIS0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0113

NPS Station ID: ASIS0113 LAT/LON: 38.036170/ -75.267503 Agency: 11NPSWRD Date Created: 07/01/95
Location: CHINCOTEAGUE BAY WEST OF POPE ISLAND FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_CB5
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
CHINCOTEAGUE BAY WEST OF POPE ISLAND TO MONITOR WATER QUALITY IN THE MIDDLE CHINCOTEAGUE BAY.
SAMPLE ON N.E. SIDE OF THE ISLANDS (CEDAR ISLANDS). STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND
NATIONAL SEASHORE AS PART OF A NETWORK TO MONITOR WATER QUALITY IN

Parameter Inventory for Station: ASIS0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-09/15/94	40	24.25	21.68	30.	10.8	31.522	5.614	13.61	16.55	26.4	28.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	23	24.	23.165	35.	10.	40.728	6.382	13.	18.	26.7	32.44
00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	23	9.	8.565	15.	0.	18.257	4.273	1.2	5.	12.	15.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	20	0.55	0.735	2.	0.25	0.204	0.452	0.3	0.425	1.	1.48
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-09/15/94	36	46650.	45536.111	55000.	33200.	42125801.587	6490.439	34800.	40500.	51350.	53060.
00300	OXYGEN, DISSOLVED MG/L	06/30/87-09/15/94	40	7.1	7.188	10.1	4.7	1.966	1.402	5.22	6.	8.375	9.09
00406	PH, FIELD, STANDARD UNITS SU	06/30/87-09/15/94	40	7.9	7.933	8.45	7.35	0.046	0.215	7.7	7.8	8.08	8.245
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/87-09/15/94	40	7.9	7.882	8.45	7.35	0.049	0.221	7.7	7.8	8.08	8.245
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/87-09/15/94	40	0.013	0.013	0.045	0.004	0.	0.007	0.006	0.008	0.016	0.02
00480	SALINITY - PARTS PER THOUSAND	06/30/87-09/15/94	39	31.6	29.841	36.4	20.8	21.337	4.619	21.9	26.	33.5	34.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	38	29.	32.737	86.	3.	427.442	20.675	6.9	14.75	45.75	57.2
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	36	0.56	0.57	1.	0.23	0.031	0.176	0.348	0.433	0.72	0.795
00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	21	0.39	0.411	0.66	0.22	0.014	0.116	0.29	0.315	0.5	0.598
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	34	0.018	0.026	0.143	0.001	0.001	0.029	0.003	0.007	0.034	0.06
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	4	0.001	0.001	0.002	0.	0.	0.001	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	35	0.003	0.005	0.05	0.	0.	0.009	0.	0.001	0.006	0.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	36	0.053	0.057	0.094	0.019	0.	0.021	0.031	0.037	0.074	0.089
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	21	0.031	0.033	0.055	0.002	0.	0.013	0.019	0.028	0.04	0.052
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	37	0.005	0.008	0.045	0.	0.	0.009	0.002	0.003	0.007	0.016
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/91-09/15/94	16	0.9	1.413	5.5	0.01	2.166	1.472	0.073	0.4	2.05	4.03
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	22	## 1.	1.682	9.	1.	3.465	1.862	1.	1.	1.25	4.1
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	22	## 0.	0.116	0.954	0.	0.065	0.256	0.	0.	0.075	0.58
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.307								
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	33	0.006	0.007	0.016	0.001	0.	0.004	0.002	0.003	0.011	0.014
32231	CHLOROPHYLL B (MG/L)	08/14/91-09/15/94	14	0.	0.001	0.003	0.	0.	0.001	0.	0.	0.001	0.003
32232	CHLOROPHYLL C (MG/L)	10/16/91-09/15/94	13	0.001	0.001	0.005	0.	0.	0.002	0.	0.	0.003	0.005
82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	24	0.015	0.256	1.71	0.	0.192	0.438	0.	0.	0.398	0.945
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	24	0.	0.103	1.53	0.	0.112	0.334	0.	0.	0.	0.45
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	09/16/87-10/22/90	19	1.8	1.716	2.	1.	0.105	0.324	1.2	1.5	2.	2.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0113

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	40	0	0.00	5	0	0.00	15	0	0.00	20	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	40	0	0.00	5	0	0.00	15	0	0.00	20	0	0.00			
		Other-Lo Lim.	6.5	40	0	0.00	5	0	0.00	15	0	0.00	20	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	22	0	0.00	4	0	0.00	6	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-09/15/94	5	15.7	15.38	16.7	13.4	1.907	1.381	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-09/15/94	4	51550.	48050.	55000.	34100.	90016666.667	9487.711	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/30/87-09/15/94	5	8.	8.46	10.1	7.6	1.168	1.081	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/30/87-09/15/94	5	7.8	7.78	7.9	7.7	0.007	0.084	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/87-09/15/94	5	7.8	7.774	7.9	7.7	0.007	0.084	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/87-09/15/94	5	0.016	0.017	0.02	0.013	0.	0.003	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/30/87-09/15/94	5	33.3	31.8	36.4	21.3	36.155	6.013	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	5	28.	30.8	51.	13.	267.7	16.362	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	4	0.645	0.627	0.78	0.44	0.023	0.153	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	5	0.005	0.006	0.015	0.001	0.	0.005	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	4	0.003	0.003	0.006	0.001	0.	0.003	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	4	0.048	0.05	0.07	0.034	0.	0.015	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	5	0.002	0.004	0.007	0.001	0.	0.003	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	4	0.004	0.006	0.013	0.003	0.	0.005	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-09/15/94	15	17.4	18.793	26.7	10.8	26.289	5.127	12.36	14.8	24.4	26.28
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-09/15/94	15	40700.	41546.667	49100.	33200.	19554095.238	4422.001	34340.	40200.	44600.	48800.
00300	OXYGEN, DISSOLVED MG/L	06/30/87-09/15/94	15	8.3	7.913	9.3	5.4	1.533	1.238	5.58	7.2	8.9	9.3
00406	PH, FIELD, STANDARD UNITS SU	06/30/87-09/15/94	15	8.08	8.047	8.45	7.7	0.045	0.213	7.748	7.8	8.2	8.36
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/87-09/15/94	15	8.08	7.999	8.45	7.7	0.048	0.218	7.748	7.8	8.2	8.36
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/87-09/15/94	15	0.008	0.01	0.02	0.004	0.	0.005	0.004	0.006	0.016	0.018
00480	SALINITY - PARTS PER THOUSAND	06/30/87-09/15/94	15	26.	26.673	32.1	20.8	10.176	3.19	21.46	25.7	28.9	31.92
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	13	41.	34.769	68.	7.	385.192	19.626	8.6	17.	51.5	63.2
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	13	0.47	0.486	0.73	0.23	0.022	0.147	0.238	0.43	0.56	0.726
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	12	0.02	0.034	0.143	0.003	0.002	0.041	0.005	0.012	0.03	0.127
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	13	0.002	0.003	0.01	0.	0.	0.003	0.	0.002	0.005	0.008
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	13	0.051	0.054	0.088	0.022	0.	0.021	0.025	0.037	0.075	0.085
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	13	0.005	0.005	0.02	0.	0.	0.005	0.001	0.003	0.007	0.015
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	12	0.008	0.007	0.014	0.001	0.	0.005	0.001	0.003	0.012	0.014

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-09/15/94	20	26.1	25.42	30.	17.2	13.184	3.631	17.74	24.55	28.1	29.15
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-09/15/94	17	49900.	48464.706	54600.	33600.	32548676.471	5705.145	35520.	46650.	51800.	54040.
00300	OXYGEN, DISSOLVED MG/L	06/30/87-09/15/94	20	6.5	6.325	8.4	4.7	1.035	1.017	4.93	5.5	6.9	7.86
00406	PH, FIELD, STANDARD UNITS SU	06/30/87-09/15/94	20	7.875	7.886	8.3	7.35	0.041	0.203	7.691	7.8	7.99	8.235
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/87-09/15/94	20	7.875	7.838	8.3	7.35	0.044	0.209	7.691	7.8	7.99	8.235
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/87-09/15/94	20	0.013	0.015	0.045	0.005	0.	0.008	0.006	0.01	0.016	0.02
00480	SALINITY - PARTS PER THOUSAND	06/30/87-09/15/94	19	32.7	31.826	36.2	20.9	15.508	3.938	22.7	30.5	34.1	35.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	20	29.	31.9	86.	3.	528.2	22.983	5.1	12.	43.25	75.4
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	19	0.64	0.616	1.	0.32	0.034	0.184	0.36	0.43	0.72	0.86
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	17	0.018	0.026	0.067	0.001	0.	0.02	0.002	0.009	0.045	0.056
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	18	0.004	0.007	0.05	0.	0.	0.012	0.	0.001	0.006	0.023
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	19	0.057	0.06	0.094	0.019	0.001	0.023	0.032	0.043	0.077	0.093
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	19	0.007	0.01	0.045	0.002	0.	0.012	0.002	0.004	0.01	0.04
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	17	0.006	0.007	0.016	0.001	0.	0.004	0.002	0.004	0.011	0.015

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0114

NPS Station ID: ASIS0114
LAT/LON: 38.038337/ -75.360199
Agency: 21MDEXP
Date Created: 10/11/80
Location: 900 FT S OF GEORGE IS LDG AND 300 FT E OF SHORE
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBL2383
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 29.870
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001925.91
RF3 Mile Point: 30.93
Distance from RF3: 0.08
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE PARKER BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY 900 FT S OF GEORGE IS LDG AND 300 FT E OF SHORE

Parameter Inventory for Station: ASIS0114

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0115

NPS Station ID: ASIS0115
LAT/LON: 38.039003/ -75.202532
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2.35 MI SE OF TWIN ISLAND 39 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM2479
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 52.600
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010014000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.18
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN
ATLANTIC OCEAN
RIVER MILE IS .00
RECEIVING TRIBUTARY IS
2.35 MI SE OF TWIN ISLAND 39 FT DEPTH

Parameter Inventory for Station: ASIS0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0116

NPS Station ID: ASIS0116
LAT/LON: 38.040503/ -75.359449
Agency: 21MDEXP
Date Created: 10/11/80
Location: 400 FT E OF GEORGE IS. LDG.
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBL2484
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010022
RF1 Mile Point: 0.350
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001925.91
RF3 Mile Point: 32.40
Distance from RF3: 0.12
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE PARKER BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY 400 FT E OF GEORGE IS. LDG.

Parameter Inventory for Station: ASIS0116

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0117

NPS Station ID: ASIS0117 LAT/LON: 38.043531/ -75.358671 Agency: 21MDEXP Date Created: 10/11/80
Location: 1000 FT N OF GEORGE IS LANDING 2 FT DEPTH 300 FT FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBL2684
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 29.870 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001925.91 RF3 Mile Point: 32.16 Distance from RF3: 0.12 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE PARKER BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY 1000 FT N OF GEORGE IS LANDING 2 FT DEPTH 300 FT E OF SHORE

Parameter Inventory for Station: ASIS0117

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0118

NPS Station ID: ASIS0118
LAT/LON: 38.047588/ -75.262032
Agency: 21MDEXP
Date Created: 10/11/80
Location: 1.45 MI ESE OF FL G 5M "17" 1 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM2943
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 3.950
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010013500.00
RF3 Mile Point: 1.71
Distance from RF3: 0.55
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1.45 MI ESE OF FL G 5M "17" 1 FT DEPTH

Parameter Inventory for Station: ASIS0118

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0119

NPS Station ID: ASIS0119 LAT/LON: 38.048948/ -75.315837 Agency: 21MDEXP Date Created: 10/11/80
Location: 06MI EAST OF CHANNEL BTWN MILLS IS. AND ASSACORK FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM2912
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 23.510 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143274.34 RF3 Mile Point: 80.62 Distance from RF3: 1.97 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 13.70
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 06MI EAST OF CHANNEL BTWN MILLS IS. AND ASSACORKIN IS., 5FT DEPTH

Parameter Inventory for Station: ASIS0119

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0120

NPS Station ID: ASIS0120
LAT/LON: 38.052031/ -75.193170
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2.8 MI EAST OF TWIN ISLAND 37 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM3284
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 53.720
Distance from RF1: 1.40
On/Off RF1: ON
RF3 Index: 02060010107000.00
RF3 Mile Point: 0.46
Distance from RF3: 0.10
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN
ATLANTIC OCEAN
RIVER MILE IS .00
RECEIVING TRIBUTARY IS
2.8 MI EAST OF TWIN ISLAND 37 FT DEPTH

Parameter Inventory for Station: ASIS0120

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0121

NPS Station ID: ASIS0121 LAT/LON: 38.052948/ -75.308448 Agency: 21MDEXP Date Created: 10/11/80
Location: 08 MILES EAST OF ASSACORKIN ISLAND IN DIRECT LIN FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM3116
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 23.370 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010013600.00 RF3 Mile Point: 4.81 Distance from RF3: 0.16 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 14.60
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 08 MILES EAST OF ASSACORKIN ISLAND IN DIRECT LINE WITH CEDAR ISLAND

Parameter Inventory for Station: ASIS0121

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0122

NPS Station ID: ASIS0122
LAT/LON: 38.053809/ -75.274031
Agency: 21MDEXP
Date Created: 10/11/80
Location: .75 MI EAST OF FL G 5M "17" 4 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM3336
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 3.170
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010013000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.59
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN .75 MI EAST OF FL G 5M "17" 4 FT DEPTH

Parameter Inventory for Station: ASIS0122

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0123

NPS Station ID: ASIS0123
LAT/LON: 38.055921/ -75.304559
Agency: 21MDEXP
Date Created: 10/11/80
Location: .7 MI ESE OF ASSACORKIN ISLAND 4 FTDPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM3418
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 23.370
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010013400.00
RF3 Mile Point: 0.71
Distance from RF3: 0.41
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN .7 MI ESE OF ASSACORKIN ISLAND 4 FTDPTH

Parameter Inventory for Station: ASIS0123

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0124

NPS Station ID: ASIS0124
LAT/LON: 38.063253/ -75.356142
Agency: 21MDEXP
Date Created: 10/11/80
Location: IN MOUTH OF PIKES CREEK
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): PIK0001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 28.230
Distance from RF1: 13.10
On/Off RF1: ON
RF3 Index: 02060010127600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE PIKES CREEK RIVER MILE IS .10
RECEIVING TRIBUTARY IS JOHNSON BAY IN MOUTH OF PIKES CREEK

Parameter Inventory for Station: ASIS0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0125

NPS Station ID: ASIS0125 LAT/LON: 38.063809/ -75.355420 Agency: 21MDEXP Date Created: 10/11/80
Location: MOUTH OF PIKES CRK 0.2 MILES NORTH-WEST OF SHELL FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBL3888
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 28.230 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001925.91 RF3 Mile Point: 31.20 Distance from RF3: 0.13 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE JOHNSON BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY MOUTH OF PIKES CRK 0.2 MILES NORTH-WEST OF SHELL PT

Parameter Inventory for Station: ASIS0125

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0126

NPS Station ID: ASIS0126 LAT/LON: 38.065615/ -75.329337 Agency: 21MDEXP Date Created: 10/11/80
Location: AT FL DAYBEACON #1 SOUTH OF TIZZARD ISLAND FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM4002
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 23.370 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010098700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.55 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE JOHNSON BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY AT FL DAYBEACON #1 SOUTH OF TIZZARD ISLAND

Parameter Inventory for Station: ASIS0126

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0127

NPS Station ID: ASIS0127 LAT/LON: 38.066003/ -75.329671 Agency: 11NPSWRD Date Created: 07/01/95
Location: JOHNSON BAY SE OF TIZZARD ISLAND FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_CB4
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
JOHNSON BAY AT MARKER "1" SOUTHEAST OF TIZZARD ISLAND TO MONITOR HISTORICAL WATER QUALITY PROBLEMS IN JOHNSON BAY. SAMPLE UP CURRENT FROM CHANNEL MARKER. STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND NATIONAL SEASHORE AS PART OF A NETWORK TO MONITOR WATER QUALITY IN

Parameter Inventory for Station: ASIS0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	42	23.6	21.498	29.3	12.3	29.531	5.434	14.01	16.525	26.525	28.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	23	24.	22.809	35.	10.	42.	6.481	11.96	18.	26.7	30.6
00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	23	8.	7.217	15.	0.	18.723	4.327	0.	5.	10.	13.2
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	22	0.8	0.859	2.	0.3	0.207	0.455	0.33	0.5	1.1	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	38	46000.	44460.526	56000.	28200.	56373805.121	7508.249	30450.	39625.	50525.	52380.
00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	42	6.85	7.071	9.7	5.	1.715	1.31	5.43	5.9	8.1	9.01
00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	42	7.8	7.822	8.69	7.26	0.052	0.229	7.6	7.7	7.9	8.088
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/87-10/21/94	42	7.8	7.772	8.69	7.26	0.055	0.234	7.6	7.7	7.9	8.088
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/87-10/21/94	42	0.016	0.017	0.055	0.002	0.	0.008	0.008	0.013	0.02	0.025
00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	41	29.5	28.68	37.2	17.2	26.989	5.195	19.38	25.2	33.	34.32
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	38	29.	33.605	91.	5.	395.381	19.884	8.8	21.5	41.5	62.3
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	37	0.46	0.522	1.03	0.26	0.028	0.169	0.368	0.39	0.635	0.762
00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	22	0.4	0.409	0.65	0.14	0.016	0.126	0.27	0.313	0.505	0.598
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	37	0.009	0.023	0.111	0.001	0.001	0.025	0.003	0.006	0.034	0.065
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	5	0.002	0.001	0.002	0.001	0.	0.001	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	37	0.003	0.006	0.04	0.	0.	0.009	0.	0.001	0.01	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	37	0.056	0.058	0.103	0.031	0.	0.017	0.035	0.046	0.069	0.081
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	22	0.036	0.037	0.069	0.017	0.	0.013	0.019	0.029	0.048	0.055
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	38	0.009	0.012	0.037	0.001	0.	0.009	0.002	0.005	0.016	0.024
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/91-09/15/94	16	2.25	3.575	7.6	0.2	6.426	2.535	0.76	1.475	5.825	7.39
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	22 ##	1.	2.455	16.	1.	14.165	3.764	1.	1.	2.	9.2
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	22 ##	0.	0.175	1.204	0.	0.125	0.353	0.	0.	0.301	0.939
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.496								
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	33	0.005	0.006	0.021	0.001	0.	0.004	0.001	0.003	0.008	0.011
32231	CHLOROPHYLL B (MG/L)	08/14/91-09/15/94	14	0.001	0.001	0.002	0.	0.	0.	0.	0.	0.001	0.002
32232	CHLOROPHYLL C (MG/L)	08/14/91-09/15/94	14	0.001	0.002	0.007	0.	0.	0.002	0.	0.001	0.002	0.006
82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	24	0.015	0.256	1.71	0.	0.192	0.438	0.	0.	0.398	0.945
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	24	0.	0.103	1.53	0.	0.112	0.334	0.	0.	0.	0.45
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	09/16/87-10/22/90	20	1.5	1.5	2.3	1.2	0.056	0.236	1.21	1.4	1.5	1.79

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0127

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	42	0	0.00	6	0	0.00	16	0	0.00	20	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	42	0	0.00	6	0	0.00	16	0	0.00	20	0	0.00			
		Other-Lo Lim.	6.5	42	0	0.00	6	0	0.00	16	0	0.00	20	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	22	0	0.00	4	0	0.00	6	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	5	27.	23.	35.	7.	116.5	10.794	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	4	0.45	0.458	0.55	0.38	0.005	0.07	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	5	0.008	0.031	0.111	0.003	0.002	0.046	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	5	0.002	0.007	0.02	0.	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	4	0.051	0.053	0.077	0.031	0.	0.019	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	5	0.01	0.011	0.024	0.004	0.	0.008	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	4	0.003	0.003	0.003	0.001	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 box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	13	30.	37.615	91.	5.	561.923	23.705	9.	23.	48.	84.2
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	13	0.39	0.447	0.88	0.26	0.026	0.162	0.268	0.365	0.515	0.772
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	13	0.015	0.021	0.07	0.001	0.	0.02	0.002	0.007	0.034	0.06
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	13	0.003	0.004	0.01	0.	0.	0.003	0.	0.001	0.007	0.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	13	0.046	0.051	0.083	0.031	0.	0.016	0.032	0.038	0.066	0.077
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	13	0.005	0.007	0.023	0.001	0.	0.006	0.001	0.002	0.01	0.019
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	12	0.006	0.007	0.021	0.001	0.	0.005	0.001	0.003	0.008	0.018

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	20	31.5	33.65	82.	6.	349.924	18.706	9.3	21.	43.75	60.8
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	20	0.58	0.585	1.03	0.37	0.028	0.167	0.392	0.428	0.68	0.804
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	19	0.008	0.021	0.079	0.002	0.001	0.023	0.003	0.005	0.035	0.064
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	19	0.003	0.007	0.04	0.	0.	0.011	0.	0.001	0.01	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	20	0.064	0.064	0.103	0.039	0.	0.016	0.045	0.052	0.073	0.087
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	20	0.016	0.015	0.037	0.002	0.	0.01	0.004	0.007	0.022	0.034
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	17	0.005	0.006	0.014	0.001	0.	0.004	0.002	0.003	0.009	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

Station Inventory for Station: ASIS0128

NPS Station ID: ASIS0128
LAT/LON: 38.066170/ -75.183420
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2.4 MI EAST OF BAY ISLAND 41 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM4190
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 54.810
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010012600.00
RF3 Mile Point: 1.20
Distance from RF3: 0.40
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN
ATLANTIC OCEAN
RIVER MILE IS .00
RECEIVING TRIBUTARY IS
2.4 MI EAST OF BAY ISLAND 41 FT DEPTH

Parameter Inventory for Station: ASIS0128

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0129

NPS Station ID: ASIS0129 LAT/LON: 38.069866/ -75.319171 Agency: 21MDEXP Date Created: 10/11/80
Location: 800 YDS E SE OF THE EASTERN MOST TIP OF TIZZARD FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM4209
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 23.270 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143240.66 RF3 Mile Point: 41.16 Distance from RF3: 1.85 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 800 YDS E SE OF THE EASTERN MOST TIP OF TIZZARD IS.

Parameter Inventory for Station: ASIS0129

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0130

NPS Station ID: ASIS0130 LAT/LON: 38.070253/ -75.346616 Agency: 21MDEXP Date Created: 10/11/80
Location: MIDWAY ACROSS LINE FROM SHELL PT TO WEST TIP OF FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBL4383
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 24.220 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001925.91 RF3 Mile Point: 26.01 Distance from RF3: 0.02 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 15.30
RECEIVING TRIBUTARY IS ATLANTIC OCEAN MIDWAY ACROSS LINE FROM SHELL PT TO WEST TIP OF TIZZARD IS,3FT

Parameter Inventory for Station: ASIS0130

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0131

NPS Station ID: ASIS0131 LAT/LON: 38.074170/ -75.359504 Agency: 11NPSWRD Date Created: 07/01/95
Location: TAYLOR'S LANDING FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_CB7
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
STATION IS LOCATED IN CHINCOTEAGUE BAY AT TAYLOR'S LANDING. SAMPLE BETWEEN CHANNEL MARKER #3 AND BOAT RAMP/DOCK.
STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND NATIONAL SEASHORE AS PART OF A NETWORK TO MONITOR WATER QUALITY IN CHINCOTEAGUE AND SINEPUXENT BAYS FROM 1987 TO 1994.

Parameter Inventory for Station: ASIS0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/91-10/21/94	22	24.4	22.318	29.8	13.8	26.513	5.149	14.67	17.2	26.75	27.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/91-10/21/94	19	43700.	42668.421	53000.	28100.	58151169.591	7625.691	28300.	37000.	49000.	52200.
00300	OXYGEN, DISSOLVED MG/L	04/29/91-10/21/94	22	5.45	5.977	9.5	2.6	3.734	1.932	2.97	4.7	7.675	8.57
00406	PH, FIELD, STANDARD UNITS SU	04/29/91-10/21/94	21	7.61	7.69	8.68	7.3	0.095	0.307	7.402	7.485	7.84	8.108
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/29/91-10/21/94	21	7.61	7.615	8.68	7.3	0.1	0.317	7.402	7.485	7.84	8.108
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/29/91-10/21/94	21	0.025	0.024	0.05	0.002	0.	0.012	0.008	0.014	0.033	0.04
00480	SALINITY - PARTS PER THOUSAND	04/29/91-10/21/94	22	28.5	27.832	35.	17.3	26.254	5.124	18.42	23.775	31.2	34.38
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/91-09/15/94	20	21.	23.2	58.	7.	216.484	14.713	8.	10.	32.5	51.5
00600	NITROGEN, TOTAL (MG/L AS N)	04/29/91-09/15/94	19	0.57	0.579	0.89	0.26	0.028	0.167	0.35	0.49	0.73	0.82
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/29/91-09/15/94	20	0.019	0.025	0.085	0.003	0.	0.022	0.003	0.012	0.037	0.052
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/29/91-09/15/94	20	0.002	0.005	0.03	0.	0.	0.007	0.	0.001	0.006	0.019
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/91-09/15/94	19	0.06	0.06	0.089	0.032	0.	0.018	0.036	0.047	0.075	0.086
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/91-09/15/94	20	0.005	0.007	0.021	0.001	0.	0.005	0.003	0.003	0.01	0.014
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	20	3.65	3.585	7.8	0.001	3.77	1.942	0.95	2.325	4.725	6.52
32230	CHLOROPHYLL A (MG/L)	04/29/91-09/15/94	20	0.007	0.008	0.02	0.002	0.	0.006	0.002	0.003	0.013	0.018
32231	CHLOROPHYLL B (MG/L)	04/29/91-09/15/94	18	0.001	0.001	0.003	0.	0.	0.001	0.	0.	0.001	0.002
32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	18	0.001	0.002	0.005	0.	0.	0.002	0.	0.001	0.003	0.004

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0131

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	22	3	0.14	2	0	0.00	11	1	0.09	9	2	0.22			
00406	PH, FIELD	Other-Hi Lim.	9.	21	0	0.00	2	0	0.00	10	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	21	0	0.00	2	0	0.00	10	0	0.00	9	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0132

NPS Station ID: ASIS0132
LAT/LON: 38.074503/ -75.279448
Agency: 21MDEXP
Date Created: 10/11/80
Location: 1200 YDS SE OFF BIG BAY POINT 6 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM4533
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 15.900
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010012600.00
RF3 Mile Point: 1.57
Distance from RF3: 0.52
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1200 YDS SE OFF BIG BAY POINT 6 FT DPTH

Parameter Inventory for Station: ASIS0132

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0133

NPS Station ID: ASIS0133
LAT/LON: 38.076587/ -75.365559
Agency: 21MDEXP
Date Created: 10/11/80
Location: PIER AT END OF TAYLOR LNDG RD
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBL4681
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 26.700
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010012600.00
RF3 Mile Point: 4.28
Distance from RF3: 0.47
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 15.80
RECEIVING TRIBUTARY IS ATLANTIC OCEAN PIER AT END OF TAYLOR LNDG RD

Parameter Inventory for Station: ASIS0133

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0134

NPS Station ID: ASIS0134 LAT/LON: 38.077892/ -75.230726 Agency: 21MDEXP Date Created: 10/11/80
Location: 1 MI SOUTH OF PIRATE ISLANDS IN GREEN RUN BAY 1 FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM4762
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 0.740 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010012800.00 RF3 Mile Point: 0.26 Distance from RF3: 0.58 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1 MI SOUTH OF PIRATE ISLANDS IN GREEN RUN BAY 1 FT DPTH

Parameter Inventory for Station: ASIS0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0135

NPS Station ID: ASIS0135 LAT/LON: 38.079754/ -75.174060 Agency: 21MDEXP Date Created: 10/11/80
Location: 2.4 MI EAST OF SCOTTS LANDING 32 FT DPTH FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM4995
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 56.110 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143274.34 RF3 Mile Point: 81.36 Distance from RF3: 0.34 On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS 2.4 MI EAST OF SCOTTS LANDING 32 FT DPTH

Parameter Inventory for Station: ASIS0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0136

NPS Station ID: ASIS0136 LAT/LON: 38.083948/ -75.287559 Agency: 21MDEXP Date Created: 10/11/80
Location: 90 DEGREE INTERSECTION OF LINE FROMBIG BAY PT AN FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM5129
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 15.900 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143240.66 RF3 Mile Point: 41.16 Distance from RF3: 2.04 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE AY RIVER MILE IS 16.80
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 90 DEGREE INTERSECTION OF LINE FROMBIG BAY PT AND MARTIN PT,7FT DEPTH

Parameter Inventory for Station: ASIS0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0137

NPS Station ID: ASIS0137
LAT/LON: 38.084309/ -75.238559
Agency: 21MDEXP
Date Created: 10/11/80
Location: MIDWAY ACROSS LINE FROM MIDDLEMOOR THOROFARE
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM5256
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 87.900
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010012800.00
RF3 Mile Point: 0.02
Distance from RF3: 0.29
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 17.70
RECEIVING TRIBUTARY IS ATLANTIC OCEAN MIDWAY ACROSS LINE FROM MIDDLEMOOR THOROFARE

Parameter Inventory for Station: ASIS0137

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0138

NPS Station ID: ASIS0138
LAT/LON: 38.093365/ -75.166059
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2.85 MI ENE OF SCOTTS LANDING 35 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBN5700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 57.090
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010010900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.46
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS 2.85 MI ENE OF SCOTTS LANDING 35 FT DPTH

Parameter Inventory for Station: ASIS0138

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0139

NPS Station ID: ASIS0139
LAT/LON: 38.094420/ -75.307476
Agency: 21MDEXP
Date Created: 10/11/80
Location: 900 YDS SE OF SCOTT LANDING 3 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM5717
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 16.440
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010015300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.74
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE MARTIN BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY 900 YDS SE OF SCOTT LANDING 3 FT DEPTH

Parameter Inventory for Station: ASIS0139

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0140

NPS Station ID: ASIS0140
LAT/LON: 38.097560/ -75.278920
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT FL BUOY 18 1.0 MILE EAST OF MARTIN PT
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM5932
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 15.550
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001912.29
RF3 Mile Point: 19.28
Distance from RF3: 0.02
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN AT FL BUOY 18 1.0 MILE EAST OF MARTIN PT

Parameter Inventory for Station: ASIS0140

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0141

NPS Station ID: ASIS0141
LAT/LON: 38.098642/ -75.315726
Agency: 21MDEXP
Date Created: 10/11/80
Location: PIER AT END OF SCOTTS LNDG RD
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM5911
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 16.640
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010012300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.28
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 17.50
RECEIVING TRIBUTARY IS ATLANTIC OCEAN PIER AT END OF SCOTTS LNDG RD

Parameter Inventory for Station: ASIS0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0142

NPS Station ID: ASIS0142
LAT/LON: 38.098726/ -75.338643
Agency: 21MDEXP
Date Created: 10/11/80
Location: PIER AT END OF TRUITTS LNDG RD
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBL5997
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 20.650
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001912.29
RF3 Mile Point: 38.79
Distance from RF3: 0.00
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 17.30
RECEIVING TRIBUTARY IS ATLANTIC OCEAN PIER AT END OF TRUITTS LNDG RD

Parameter Inventory for Station: ASIS0142

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0143

NPS Station ID: ASIS0143 LAT/LON: 38.105920/ -75.286698 Agency: 21MDEXP Date Created: 10/11/80
Location: 05 MI,ESE OF BLUE POND,1 MILE NE OF MARTIN PT,4F FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM6328
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 14.850 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001912.29 RF3 Mile Point: 14.44 Distance from RF3: 0.97 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 18.50
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 05 MI,ESE OF BLUE POND,1 MILE NE OF MARTIN PT,4FT DEPTH

Parameter Inventory for Station: ASIS0143

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0144

NPS Station ID: ASIS0144
LAT/LON: 38.107448/ -75.278670
Agency: 21MDEXP
Date Created: 10/11/80
Location: .7 MI NORTH OF FL R 4M "18" 7 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM6534
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 14.850
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010015100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.62
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN .7 MI NORTH OF FL R 4M "18" 7 FT DEPTH

Parameter Inventory for Station: ASIS0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0145

NPS Station ID: ASIS0145 LAT/LON: 38.107503/ -75.229171 Agency: 11NPSWRD Date Created: 07/01/95
Location: CHINCOTEAGUE BAY WEST OF WINTER QUARTER FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_CB3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
ALSO KNOWN AS WHITTINGTON POINT. CHINCOTEAGUE BAY WEST OF WINTER QUARTER TO MONITOR
SEAWARD NORTHERN CHINCOTEAGUE BAY WATER QUALITY. SAMPLE 200 METERS NORTH OF THE NORTHWESTERN MOST OF THE THREE ISLANDS.
STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND

Parameter Inventory for Station: ASIS0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	45	23.8	21.591	29.5	11.	29.61	5.441	14.22	16.55	26.65	28.08
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	22	24.	23.314	35.	10.	49.866	7.062	10.72	18.5	28.5	32.4
00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	22	6.5	6.	12.	0.	15.524	3.94	0.	3.	10.	10.
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/16/87-10/22/90	21	0.5	0.61	1.5	0.3	0.115	0.339	0.3	0.5	0.65	1.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	41	44500.	43575.61	54000.	31900.	41512890.244	6443.05	34080.	38150.	49700.	51380.
00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	45	7.3	7.522	9.9	5.	1.735	1.317	5.78	6.6	8.7	9.3
00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	44	8.	8.007	8.54	7.44	0.045	0.212	7.755	7.9	8.153	8.3
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/87-10/21/94	44	8.	7.957	8.54	7.44	0.047	0.217	7.755	7.9	8.153	8.3
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/87-10/21/94	44	0.01	0.011	0.036	0.003	0.	0.006	0.005	0.007	0.013	0.018
00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	44	29.1	28.389	35.7	19.9	20.981	4.581	21.4	24.45	32.7	33.65
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	41	32.	33.268	75.	5.	344.701	18.566	9.4	16.5	45.	60.4
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	39	0.68	0.687	1.37	0.29	0.056	0.236	0.42	0.51	0.82	1.02
00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	21	0.5	0.463	0.7	0.26	0.014	0.117	0.31	0.345	0.555	0.592
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	39	0.01	0.02	0.117	0.001	0.001	0.025	0.002	0.003	0.027	0.059
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	4	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	41	0.002	0.007	0.05	0.	0.	0.011	0.	0.001	0.007	0.028
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	39	0.068	0.073	0.147	0.028	0.001	0.028	0.041	0.054	0.086	0.11
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	21	0.031	0.033	0.054	0.019	0.	0.01	0.021	0.025	0.042	0.045
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	41	0.005	0.007	0.023	0.002	0.	0.005	0.002	0.003	0.009	0.013
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	19	1.7	2.132	5.3	0.001	2.972	1.724	0.3	0.6	3.9	4.6
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	21 ##	1.	1.286	5.	1.	0.814	0.902	1.	1.	1.	2.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	21 ##	0.	0.062	0.699	0.	0.029	0.172	0.	0.	0.	0.301
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.153								
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	37	0.008	0.01	0.025	0.001	0.	0.006	0.004	0.005	0.013	0.02
32231	CHLOROPHYLL B (MG/L)	06/19/91-09/15/94	16	0.001	0.001	0.004	0.	0.	0.001	0.	0.	0.003	0.004
32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	17	0.001	0.001	0.006	0.	0.	0.002	0.	0.001	0.002	0.005
82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	23	0.01	0.256	1.71	0.	0.201	0.448	0.	0.	0.44	1.006
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	23	0.	0.096	1.53	0.	0.115	0.34	0.	0.	0.	0.392
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	09/16/87-10/22/90	19	1.5	1.584	2.3	0.8	0.171	0.414	0.8	1.3	2.	2.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0145

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	45	0	0.00	6	0	0.00	19	0	0.00	20	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	44	0	0.00	6	0	0.00	18	0	0.00	20	0	0.00			
		Other-Lo Lim.	6.5	44	0	0.00	6	0	0.00	18	0	0.00	20	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	21	0	0.00	4	0	0.00	6	0	0.00	11	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	5	32.	35.4	53.	24.	138.3	11.76	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	4	0.725	0.72	0.8	0.63	0.005	0.07	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	5	0.011	0.027	0.075	0.002	0.001	0.032	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	5	0.002	0.007	0.03	0.001	0.	0.013	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	4	0.068	0.07	0.084	0.059	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	5	0.004	0.005	0.011	0.002	0.	0.004	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	4	0.006	0.007	0.011	0.004	0.	0.003	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	16	29.5	28.813	62.	6.	317.363	17.815	6.7	11.5	44.25	54.3
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	16	0.55	0.599	1.37	0.29	0.071	0.267	0.318	0.423	0.703	1.069
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	15	0.013	0.023	0.117	0.001	0.001	0.03	0.002	0.007	0.025	0.082
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	16	0.002	0.006	0.03	0.	0.	0.008	0.	0.	0.009	0.023
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	16	0.06	0.065	0.109	0.028	0.001	0.024	0.031	0.049	0.086	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	16	0.005	0.006	0.014	0.002	0.	0.003	0.003	0.004	0.007	0.012
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	15	0.01	0.009	0.025	0.001	0.	0.007	0.002	0.004	0.014	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	20	39.	36.3	75.	5.	418.432	20.456	11.	19.	50.5	71.
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	19	0.7	0.755	1.1	0.42	0.046	0.213	0.42	0.62	0.91	1.09
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	19	0.009	0.016	0.067	0.001	0.	0.018	0.002	0.003	0.027	0.038
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	20	0.002	0.008	0.05	0.	0.	0.014	0.	0.001	0.007	0.038
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	19	0.068	0.08	0.147	0.041	0.001	0.033	0.047	0.054	0.101	0.143
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	20	0.007	0.008	0.023	0.002	0.	0.005	0.002	0.003	0.011	0.015
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	18	0.009	0.01	0.023	0.004	0.	0.006	0.005	0.005	0.013	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

Station Inventory for Station: ASIS0146

NPS Station ID: ASIS0146
LAT/LON: 38.107781/ -75.158059
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2.3 MI SE OF SUGAR POINT 42 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBN6505
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 58.090
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143240.66
RF3 Mile Point: 43.82
Distance from RF3: 2.09
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS 2.3 MI SE OF SUGAR POINT 42 FT DPTH

Parameter Inventory for Station: ASIS0146

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0147

NPS Station ID: ASIS0147
LAT/LON: 38.108032/ -75.225837
Agency: 21MDEXP
Date Created: 10/11/80
Location: ENE OF PIRATE ISLAND,EQUIDISTANT FROM PIRATE AND
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM6366
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 87.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001912.29
RF3 Mile Point: 14.78
Distance from RF3: 0.35
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 19.30
RECEIVING TRIBUTARY IS ATLANTIC OCEAN ENE OF PIRATE ISLAND,EQUIDISTANT FROM PIRATE AND ASSATEAGUE ISLANDS

Parameter Inventory for Station: ASIS0147

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0148

NPS Station ID: ASIS0148
LAT/LON: 38.112837/ -75.217365
Agency: 21MDEXP
Date Created: 10/11/80
Location: 1.2 MI NE OF WHITTINGTON POINT 7 FTDPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM6870
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 86.230
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001912.29
RF3 Mile Point: 13.48
Distance from RF3: 0.77
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1.2 MI NE OF WHITTINGTON POINT 7 FTDPTH

Parameter Inventory for Station: ASIS0148

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0149

NPS Station ID: ASIS0149
LAT/LON: 38.120615/ -75.153892
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2.3 MI EAST OF SUGAR POINT 45 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBN7308
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 58.850
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143240.66
RF3 Mile Point: 45.47
Distance from RF3: 2.08
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS 2.3 MI EAST OF SUGAR POINT 45 FT DEPTH

Parameter Inventory for Station: ASIS0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0150

NPS Station ID: ASIS0150
LAT/LON: 38.120781/ -75.252282
Agency: 21MDEXP
Date Created: 10/11/80
Location: 4.4 MI NE OF FL R 4M "18" 8 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM7359
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 13.210
Distance from RF1: 1.40
On/Off RF1: ON
RF3 Index: 02060010107000.00
RF3 Mile Point: 0.46
Distance from RF3: 0.10
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 4.4 MI NE OF FL R 4M "18" 8 FT DPTH

Parameter Inventory for Station: ASIS0150

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0151

NPS Station ID: ASIS0151 LAT/LON: 38.120892/ -75.296420 Agency: 21MDEXP Date Created: 10/11/80
Location: FIGGS LNDG LONG PIER OFF 2ND HOUSE FROM END OF R FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM7322
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 14.250 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143240.66 RF3 Mile Point: 43.46 Distance from RF3: 0.64 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 21.34
RECEIVING TRIBUTARY IS ATLANTIC OCEAN FIGGS LNDG LONG PIER OFF 2ND HOUSE FROM END OF RD

Parameter Inventory for Station: ASIS0151

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0152

NPS Station ID: ASIS0152 LAT/LON: 38.126337/ -75.202781 Agency: 21MDEXP Date Created: 10/11/80
Location: 10MILES SOUTH OF BEACON CLUMP,03MILES NORTH OF D FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM7677
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 84.780 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001912.29 RF3 Mile Point: 12.72 Distance from RF3: 0.03 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 18.90
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 10MILES SOUTH OF BEACON CLUMP,03MILES NORTH OF DUCKBLINDS OFF SUGAR PT

Parameter Inventory for Station: ASIS0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0153

NPS Station ID: ASIS0153
LAT/LON: 38.133031/ -75.300309
Agency: 21MDEXP
Date Created: 10/11/80
Location: BAYSIDE RD CROSSING TANHOUSE CK
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TAH0005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 13.060
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010095000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.33
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE TANHOUSE CREEK RIVER MILE IS .50
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY BAYSIDE RD CROSSING TANHOUSE CK

Parameter Inventory for Station: ASIS0153

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0154

NPS Station ID: ASIS0154 LAT/LON: 38.133392/ -75.251281 Agency: 21MDEXP Date Created: 10/11/80
Location: MID-BAY 1.2 MILES SOUTH OF ROBINS MARSH FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM8149
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 10.670 Distance from RF1: 1.40 On/Off RF1: ON
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN MID-BAY 1.2 MILES SOUTH OF ROBINS MARSH

Parameter Inventory for Station: ASIS0154

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0155

NPS Station ID: ASIS0155 LAT/LON: 38.137837/ -75.148948 Agency: 21MDEXP Date Created: 10/11/80
Location: 3.1 MI EAST OF SOUTH BEACON ISLAND 38 FT DPTH FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBN8310
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 60.980 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010096700.00 RF3 Mile Point: 0.54 Distance from RF3: 1.77 On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS 3.1 MI EAST OF SOUTH BEACON ISLAND 38 FT DPTH

Parameter Inventory for Station: ASIS0155

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0156

NPS Station ID: ASIS0156 LAT/LON: 38.138559/ -75.246977 Agency: 21MDEXP Date Created: 10/11/80
Location: 6 MI NNE OF FL20 ON LINE FROM PUBLIC LNDG BOAT B FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM8553
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 10.670 Distance from RF1: 1.40 On/Off RF1: ON
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 23.00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 6 MI NNE OF FL20 ON LINE FROM PUBLIC LNDG BOAT BASIN ENT TO SUGAR PT

Parameter Inventory for Station: ASIS0156

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0157

NPS Station ID: ASIS0157 LAT/LON: 38.138615/ -75.251142 Agency: 21MDEXP Date Created: 10/11/80
Location: 5MI NNW OF FL20 ON LINE FROM PUBLICLNDG PIER TO FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM8448
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 10.670 Distance from RF1: 1.40 On/Off RF1: ON
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 22.36
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 5MI NNW OF FL20 ON LINE FROM PUBLICLNDG PIER TO SUGAR PT 35% OF DISTAN

Parameter Inventory for Station: ASIS0157

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0158

NPS Station ID: ASIS0158
LAT/LON: 38.139337/ -75.208365
Agency: 21MDEXP
Date Created: 10/11/80
Location: 1 MI NW OF BEACON CLUMP
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM8575
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 83.550
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 020600100011911.31
RF3 Mile Point: 11.38
Distance from RF3: 0.95
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 23.77
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1 MI NW OF BEACON CLUMP

Parameter Inventory for Station: ASIS0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0159

NPS Station ID: ASIS0159 LAT/LON: 38.139337/ -75.299810 Agency: 21MDEXP Date Created: 10/11/80
Location: 200FT ABOVE 4 CHICKEN HOUSES AND O.3MI UPSTREAM FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SRK0008
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 12.460 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010095000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.05 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE STAGG CK RIVER MILE IS .80
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY 200FT ABOVE 4 CHICKEN HOUSES AND O.3MI UPSTREAM FROM BAYSIDE RD CROSSI

Parameter Inventory for Station: ASIS0159

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0160

NPS Station ID: ASIS0160 LAT/LON: 38.139531/ -75.294588 Agency: 21MDEXP Date Created: 10/11/80
Location: BAYSIDE RD CROSSING STAGG CK,UPSTREAM SIDE OF RD FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SRK0005
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 12.360 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010002600.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE STAGG CK RIVER MILE IS .50
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY BAYSIDE RD CROSSING STAGG CK,UPSTREAM SIDE OF RD

Parameter Inventory for Station: ASIS0160

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0161

NPS Station ID: ASIS0161
LAT/LON: 38.140281/ -75.271281
Agency: 21MDEXP
Date Created: 10/11/80
Location: 1.43 MI NE OF FL 6M "2" 7 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM8439
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 10.820
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143240.66
RF3 Mile Point: 46.21
Distance from RF3: 0.38
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1.43 MI NE OF FL 6M "2" 7 FT DPTH

Parameter Inventory for Station: ASIS0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0162

NPS Station ID: ASIS0162
LAT/LON: 38.143726/ -75.243726
Agency: 21MDEXP
Date Created: 10/11/80
Location: 1.63 MI SSW OF FL 4M "39" 8 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM8754
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 10.670
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143240.66
RF3 Mile Point: 48.75
Distance from RF3: 0.79
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1.63 MI SSW OF FL 4M "39" 8 FT DPTH

Parameter Inventory for Station: ASIS0162

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0163

NPS Station ID: ASIS0163 LAT/LON: 38.145670/ -75.284003 Agency: 11NPSWRD Date Created: 07/01/95
Location: CHINCOTEAGUE BAY EAST OF PUBLIC LANDING FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_CB2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
CHINCOTEAGUE BAY NEAR PUBLIC LANDING TO MONITOR LANDWARD NORTHERN CHINCOTEAGUE BAY WATER QUALITY.
SAMPLE JUST OFF MOUTH OF SMALL CREEK LEADING OUT OF COMMUNITY. CREEK IS SOUTH OF TWO WHITE COLONIAL HOMES AND NORTH OF A SMALL PIER
ADJOINING PROPERTY WITH A DISTINCTIVE PATCH OF LOBLOLLY PINE. ANCHOR

Parameter Inventory for Station: ASIS0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	47	24.1	21.789	29.	12.5	28.447	5.334	14.16	16.7	26.5	27.8
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	24	24.75	23.3	36.	11.	42.057	6.485	12.5	18.5	26.7	32.4
00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	24	7.	7.625	15.	0.	18.505	4.302	0.	5.	11.	13.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	22	0.5	0.514	1.5	0.2	0.082	0.286	0.25	0.3	0.5	0.94
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	43	42900.	42860.465	58000.	30600.	45629114.064	6754.933	33140.	38300.	48800.	51660.
00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	47	7.	7.115	9.7	4.	2.138	1.462	5.32	6.	8.3	9.22
00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	47	7.8	7.855	8.65	7.37	0.052	0.228	7.6	7.69	8.	8.144
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/87-10/21/94	47	7.8	7.805	8.65	7.37	0.054	0.233	7.6	7.69	8.	8.144
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/87-10/21/94	47	0.016	0.016	0.043	0.002	0.	0.007	0.007	0.01	0.02	0.025
00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	46	27.65	27.674	36.8	19.	20.688	4.548	20.7	24.825	31.75	33.72
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	42	38.	39.905	85.	6.	381.698	19.537	16.	24.75	55.	67.1
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	41	0.73	0.73	1.44	0.31	0.061	0.248	0.4	0.535	0.915	1.038
00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	22	0.455	0.437	0.58	0.23	0.007	0.085	0.296	0.395	0.483	0.547
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	41	0.013	0.024	0.102	0.002	0.001	0.027	0.003	0.009	0.029	0.083
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	5	0.	0.001	0.001	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	41	0.003	0.013	0.2	0.	0.001	0.034	0.	0.001	0.008	0.028
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	41	0.083	0.081	0.149	0.027	0.001	0.031	0.035	0.062	0.096	0.121
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	22	0.041	0.038	0.056	0.018	0.	0.011	0.02	0.031	0.044	0.054
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	42	0.007	0.01	0.058	0.001	0.	0.01	0.003	0.005	0.014	0.019
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	20	3.1	3.32	6.4	0.6	3.924	1.981	0.72	1.5	5.225	5.98
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	22 ##	1.	2.409	9.	1.	6.444	2.538	1.	1.	2.	7.7
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	22 ##	0.	0.227	0.954	0.	0.113	0.336	0.	0.	0.301	0.886
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.685								
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	37	0.011	0.013	0.031	0.002	0.	0.007	0.004	0.007	0.019	0.023
32231	CHLOROPHYLL B (MG/L)	04/29/91-09/15/94	17	0.001	0.002	0.009	0.	0.	0.002	0.	0.	0.002	0.007
32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	18	0.001	0.002	0.01	0.	0.	0.003	0.	0.001	0.003	0.009
82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	24	0.015	0.256	1.71	0.	0.192	0.438	0.	0.	0.398	0.945
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	24	0.	0.103	1.53	0.	0.112	0.334	0.	0.	0.	0.45
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	09/16/87-10/22/90	20	2.3	2.11	2.5	1.	0.142	0.377	1.37	2.	2.3	2.49

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	47	1	0.02	6	0	0.00	20	0	0.00	21	1	0.05			
00406	PH, FIELD	Other-Hi Lim.	9.	47	0	0.00	6	0	0.00	20	0	0.00	21	0	0.00			
		Other-Lo Lim.	6.5	47	0	0.00	6	0	0.00	20	0	0.00	21	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	22	0	0.00	4	0	0.00	6	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	5	33.	33.8	56.	16.	206.2	14.36	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	4	0.65	0.638	0.73	0.52	0.008	0.09	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	5	0.016	0.041	0.102	0.002	0.002	0.043	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	4	0.007	0.009	0.02	0.002	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	4	0.076	0.069	0.085	0.041	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	5	0.008	0.011	0.018	0.002	0.	0.007	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	4	0.01	0.01	0.015	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	16	27.	34.313	65.	6.	336.629	18.347	10.2	20.75	54.25	60.1
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	16	0.58	0.619	0.94	0.31	0.042	0.204	0.345	0.458	0.815	0.926
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	15	0.015	0.024	0.088	0.003	0.001	0.023	0.003	0.009	0.036	0.063
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	16	0.005	0.026	0.2	0.	0.003	0.053	0.	0.001	0.02	0.13
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	16	0.074	0.074	0.122	0.03	0.001	0.029	0.032	0.052	0.101	0.118
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	16	0.005	0.009	0.058	0.001	0.	0.013	0.002	0.004	0.008	0.026
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	15	0.01	0.012	0.03	0.002	0.	0.009	0.003	0.006	0.019	0.027

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	21	46.	45.619	85.	16.	420.148	20.498	18.6	25.5	57.5	78.2
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	21	0.88	0.833	1.44	0.31	0.068	0.26	0.452	0.67	1.01	1.088
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	21	0.012	0.02	0.088	0.003	0.001	0.024	0.003	0.008	0.02	0.077
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	21	0.002	0.004	0.03	0.	0.	0.006	0.	0.001	0.005	0.009
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	21	0.083	0.088	0.149	0.027	0.001	0.032	0.047	0.069	0.107	0.147
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	21	0.01	0.012	0.026	0.003	0.	0.006	0.004	0.007	0.015	0.023
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	18	0.014	0.014	0.031	0.004	0.	0.007	0.004	0.008	0.019	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

Station Inventory for Station: ASIS0164

NPS Station ID: ASIS0164
LAT/LON: 38.147948/ -75.144170
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2.5 MI NE OF WINTER QUARTER 36 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBN8913
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 61.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143240.66
RF3 Mile Point: 48.20
Distance from RF3: 2.00
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS 2.5 MI NE OF WINTER QUARTER 36 FT DEPTH

Parameter Inventory for Station: ASIS0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0165

NPS Station ID: ASIS0165
LAT/LON: 38.148198/ -75.285699
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT SNOW HILL LANDING
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM8828
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 11.450
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010010900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.84
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE RECEIVING TRIBUTARY IS ATLANTIC OCEAN
CHINCOTEAGUE BAY AT SNOW HILL LANDING
RIVER MILE IS .00

Parameter Inventory for Station: ASIS0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0166

NPS Station ID: ASIS0166 LAT/LON: 38.151476/ -75.211892 Agency: 21MDEXP Date Created: 10/11/80
Location: 1900 YDS N NW OF BEACON CLUMPS AND 2150 YDS DUE FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM9173
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 82.550 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001910.31 RF3 Mile Point: 11.24 Distance from RF3: 0.07 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1900 YDS N NW OF BEACON CLUMPS AND 2150 YDS DUE WEST OF ASSAT. IS.

Parameter Inventory for Station: ASIS0166

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0167

NPS Station ID: ASIS0167 LAT/LON: 38.155087/ -75.269531 Agency: 21MDEXP Date Created: 10/11/80
Location: 300 YDS EAST OF MOUTH OF SCARBORO CREEK 5 FT DPT FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM9339
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 10.670 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143240.66 RF3 Mile Point: 50.29 Distance from RF3: 1.15 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 300 YDS EAST OF MOUTH OF SCARBORO CREEK 5 FT DPTH

Parameter Inventory for Station: ASIS0167

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0168

NPS Station ID: ASIS0168
LAT/LON: 38.160198/ -75.138977
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2.5 MI ESE OF TINGLES ISLAND 38 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBN9717
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 62.300
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143240.66
RF3 Mile Point: 50.83
Distance from RF3: 2.18
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN
ATLANTIC OCEAN
RIVER MILE IS .00
RECEIVING TRIBUTARY IS
2.5 MI ESE OF TINGLES ISLAND 38 FT DPTH

Parameter Inventory for Station: ASIS0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0169

NPS Station ID: ASIS0169
LAT/LON: 38.162282/ -75.200143
Agency: 21MDEXP
Date Created: 10/11/80
Location: .75 MI SW OF TINGLES ISLAND 1 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM9880
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 81.600
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010096600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.42
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN .75 MI SW OF TINGLES ISLAND 1 FT DEPTH

Parameter Inventory for Station: ASIS0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0170

NPS Station ID: ASIS0170 LAT/LON: 38.163392/ -75.254031 Agency: 21MDEXP Date Created: 10/11/80
Location: 1200YDS OFF RICKS PT IN LINE WITH FL39 800YDS N FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM9949
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 9.930 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001908.67 RF3 Mile Point: 9.65 Distance from RF3: 0.36 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 23.38
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1200YDS OFF RICKS PT IN LINE WITH FL39 800YDS NORTH OF ROBINS MARSH

Parameter Inventory for Station: ASIS0170

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0171

NPS Station ID: ASIS0171 LAT/LON: 38.163448/ -75.258199 Agency: 21MDEXP Date Created: 10/11/80
Location: 700YDS OFF RICKS PT IN LINE WITH FL39, 1000YDS N FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XBM9944
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 9.930 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143240.66 RF3 Mile Point: 63.90 Distance from RF3: 0.48 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 23.38
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 700YDS OFF RICKS PT IN LINE WITH FL39, 1000YDS NNW ROBINS MARSH

Parameter Inventory for Station: ASIS0171

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0172

NPS Station ID: ASIS0172
LAT/LON: 38.164477/ -75.218531
Agency: 21MDEXP
Date Created: 10/11/80
Location: 13MI ESE OF FL39, 24 MIS EAST OF RICKS PT
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XBM9771
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 7.770
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001908.67
RF3 Mile Point: 11.13
Distance from RF3: 0.14
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 23.38
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 13MI ESE OF FL39, 24 MIS EAST OF RICKS PT

Parameter Inventory for Station: ASIS0172

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0173

NPS Station ID: ASIS0173
LAT/LON: 38.167226/ -75.236531
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT FL BUOY 39 1.2 MILES EAST OF RICKS PT
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM0159
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 8.630
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010011900.00
RF3 Mile Point: 1.36
Distance from RF3: 0.60
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN AT FL BUOY 39 1.2 MILES EAST OF RICKS PT

Parameter Inventory for Station: ASIS0173

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0174

NPS Station ID: ASIS0174
LAT/LON: 38.167253/ -75.201754
Agency: 21MDEXP
Date Created: 10/11/80
Location: 1100 YDS SW OF TINGLES IS 1 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM0080
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 81.600
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143240.66
RF3 Mile Point: 55.25
Distance from RF3: 2.11
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1100 YDS SW OF TINGLES IS 1 FT DEPTH

Parameter Inventory for Station: ASIS0174

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0175

NPS Station ID: ASIS0175
LAT/LON: 38.175226/ -75.133031
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2 MI EAST OF TINGLES ISLAND 33 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN0620
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 64.160
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.12
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN
ATLANTIC OCEAN
RIVER MILE IS .00
RECEIVING TRIBUTARY IS
2 MI EAST OF TINGLES ISLAND 33 FT DEPTH

Parameter Inventory for Station: ASIS0175

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0176

NPS Station ID: ASIS0176 LAT/LON: 38.175642/ -75.247115 Agency: 21MDEXP Date Created: 10/11/80
Location: 2150 YDS DUE EAST OF MOUTH OF ROBINS CREEK 6 FT FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCM0652
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 7.770 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010151400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.15 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 2150 YDS DUE EAST OF MOUTH OF ROBINS CREEK 6 FT DEPTH

Parameter Inventory for Station: ASIS0176

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0177

NPS Station ID: ASIS0177
LAT/LON: 38.183476/ -75.257031
Agency: 21MDEXP
Date Created: 10/11/80
Location: 550 YDS DUE SOUTH OF KELLY PT.
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM1047
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 7.770
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010151400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.71
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 550 YDS DUE SOUTH OF KELLY PT.

Parameter Inventory for Station: ASIS0177

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0178

NPS Station ID: ASIS0178 LAT/LON: 38.186420/ -75.215559 Agency: 21MDEXP Date Created: 10/11/80
Location: FL35 IN CHANNEL 1000YDS WEST SOUTH WEST OF 3 ISL FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCM1171
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 7.670 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001905.95 RF3 Mile Point: 8.79 Distance from RF3: 0.30 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 24.50
RECEIVING TRIBUTARY IS ATLANTIC OCEAN FL35 IN CHANNEL 1000YDS WEST SOUTH WEST OF 3 ISLANDS OFF SOUTH POINT

Parameter Inventory for Station: ASIS0178

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0179

NPS Station ID: ASIS0179 LAT/LON: 38.191310/ -75.126003 Agency: 21MDEXP Date Created: 10/11/80
Location: 2.3 MI EAST OF LUMBER MARSH ISLAND 46 FT DPTH FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCN1524
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 65.100 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143240.66 RF3 Mile Point: 55.27 Distance from RF3: 1.92 On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS 2.3 MI EAST OF LUMBER MARSH ISLAND 46 FT DPTH

Parameter Inventory for Station: ASIS0179

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0180

NPS Station ID: ASIS0180 LAT/LON: 38.192837/ -75.239754 Agency: 21MDEXP Date Created: 10/11/80
Location: 1500 YDS E NE OF KELLY PT. AND 2100YDS SE OF WIN FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCM1657
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 7.670 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010096300.00 RF3 Mile Point: 0.84 Distance from RF3: 0.74 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1500 YDS E NE OF KELLY PT. AND 2100YDS SE OF WINDMILL PT. 5 FT DEPTH

Parameter Inventory for Station: ASIS0180

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0181

NPS Station ID: ASIS0181
LAT/LON: 38.192976/ -75.232088
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2MIS EAST OF KELLY PT,32MI SW KNOT PT, 15 MIS OF
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM1562
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 7.670
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010096300.00
RF3 Mile Point: 0.35
Distance from RF3: 0.58
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 25.42
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 2MIS EAST OF KELLY PT,32MI SW KNOT PT, 15 MIS OFF R34

Parameter Inventory for Station: ASIS0181

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0182

NPS Station ID: ASIS0182 LAT/LON: 38.193142/ -75.224087 Agency: 21MDEXP Date Created: 10/11/80
Location: 17 MIS OFF KELLY PT ON LINE WITH R34 18MIS SW SO FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCM1567
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 5.650 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010096500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.40 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS 25.30
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 17 MIS OFF KELLY PT ON LINE WITH R34 18MIS SW SOUTH PT

Parameter Inventory for Station: ASIS0182

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0183

NPS Station ID: ASIS0183
Location: ASSATEAGUE
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 02060010
Major Basin: NORTH ATLANTIC
Minor Basin: MD-DEL COASTAL DEL MARVA
RF1 Index: 02060010021
RF3 Index: 02060010001905.95
Description:

LAT/LON: 38.201671/ -75.198337
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 78.760
RF3 Mile Point: 6.23

Agency: 11NATDC
FIPS State/County: 24047 MARYLAND/WORCESTER
STORET Station ID(s): T0703271 /2232
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 5.10
Distance from RF3: 0.28

Date Created: 06/01/85
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: ASIS0183

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0184

NPS Station ID: ASIS0184
LAT/LON: 38.202392/ -75.254809
Agency: 21MDEXP
Date Created: 10/11/80
Location: 500 YDS E NE OF WINDMILL PT 4 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM2248
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 5.800
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010096500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.22
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 500 YDS E NE OF WINDMILL PT 4 FT DEPTH

Parameter Inventory for Station: ASIS0184

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0185

NPS Station ID: ASIS0185
LAT/LON: 38.202504/ -75.122226
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2.9 MI SE OF FL 4M "25" 43 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN2226
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 66.160
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143240.66
RF3 Mile Point: 58.43
Distance from RF3: 1.90
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN
ATLANTIC OCEAN
RIVER MILE IS .00
RECEIVING TRIBUTARY IS
2.9 MI SE OF FL 4M "25" 43 FT DPTH

Parameter Inventory for Station: ASIS0185

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0186

NPS Station ID: ASIS0186
LAT/LON: 38.205198/ -75.169837
Agency: 21MDEXP
Date Created: 10/11/80
Location: .9 MI EAST OF "29" 1 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM2398
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 11.310
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001905.95
RF3 Mile Point: 6.21
Distance from RF3: 0.23
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 10.07
RECEIVING TRIBUTARY IS ATLANTIC OCEAN .9 MI EAST OF "29" 1 FT DPTH

Parameter Inventory for Station: ASIS0186

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0187

NPS Station ID: ASIS0187
LAT/LON: 38.205615/ -75.196281
Agency: 21MDEXP
Date Created: 10/11/80
Location: 400 YDS SW OF SOUTH PT. AND 1050 YDS SE OF ISLAN
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM2482
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 11.450
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010011300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 400 YDS SW OF SOUTH PT. AND 1050 YDS SE OF ISLAND PT.

Parameter Inventory for Station: ASIS0187

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0188

NPS Station ID: ASIS0188
LAT/LON: 38.205976/ -75.184781
Agency: 21MDEXP
Date Created: 10/11/80
Location: 100 YDS EAST OF "29"
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM2489
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 11.310
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010096100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.18
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 10.15
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 100 YDS EAST OF "29"

Parameter Inventory for Station: ASIS0188

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0189

NPS Station ID: ASIS0189
LAT/LON: 38.210004/ -75.214253
Agency: 21MDEXP
Date Created: 10/11/80
Location: 1250 YDS W SW OF ISLAND PT. 5 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM2672
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 4.560
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010096200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.19
On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE CHINCOTEAGUE BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1250 YDS W SW OF ISLAND PT. 5 FT DEPTH

Parameter Inventory for Station: ASIS0189

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0190

NPS Station ID: ASIS0190
LAT/LON: 38.213309/ -75.179726
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT BUOY R28 MID-CHANNEL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM3892
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 77.420
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001902.61
RF3 Mile Point: 2.85
Distance from RF3: 0.23
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN AT BUOY R28 MID-CHANNEL

Parameter Inventory for Station: ASIS0190

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0191

NPS Station ID: ASIS0191 LAT/LON: 38.214837/ -75.178337 Agency: 11NPSWRD Date Created: 07/01/95
Location: SINEPUXENT BAY NORTH OF SOUTH POINT FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_SB4
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
SINEPUXENT BAY AT MARKER "28" NORTH OF SOUTH POINT TO MONITOR LOWER SINEPUXENT BAY WATER QUALITY.
SAMPLE UP CURRENT FROM MARKER #28. MARKER #27 WILL BE ACROSS FROM MARKER 28. RED SINEPUXENT CHANNEL MARKER #28.
STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND

Parameter Inventory for Station: ASIS0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	46	24.35	22.061	29.9	11.4	30.902	5.559	14.3	16.675	26.8	28.33
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	27	23.9	23.096	36.	12.	39.667	6.298	12.32	20.	26.7	31.
00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	27	7.	8.111	16.	0.	22.179	4.71	0.	5.	12.	15.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	22	0.5	0.634	1.5	0.2	0.093	0.305	0.3	0.475	0.763	1.14
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	42	43800.	42911.905	53200.	30100.	33650830.43	5800.934	33830.	38675.	47775.	49270.
00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	46	7.2	7.413	10.2	4.8	1.901	1.379	5.77	6.45	8.5	9.6
00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	46	7.92	7.936	8.68	7.	0.07	0.264	7.697	7.878	8.038	8.2
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/87-10/21/94	46	7.92	7.838	8.68	7.	0.08	0.282	7.697	7.877	8.037	8.2
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/87-10/21/94	46	0.012	0.015	0.1	0.002	0.	0.015	0.006	0.009	0.013	0.02
00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	45	28.6	27.813	35.1	18.6	16.533	4.066	21.6	24.9	31.15	32.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/22/87-09/15/94	37	36.	38.297	98.	4.	472.548	21.738	13.6	22.	52.5	71.
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	36	0.695	0.695	1.18	0.18	0.078	0.279	0.324	0.465	0.913	1.089
00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	21	0.39	0.394	0.6	0.18	0.016	0.127	0.202	0.28	0.505	0.54
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	36	0.017	0.023	0.08	0.001	0.	0.019	0.003	0.007	0.036	0.051
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	4	0.001	0.001	0.002	0.	0.	0.001	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	36	0.002	0.004	0.05	0.	0.	0.01	0.	0.001	0.004	0.009
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	36	0.07	0.073	0.14	0.025	0.001	0.029	0.034	0.05	0.09	0.118
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	21	0.036	0.034	0.053	0.018	0.	0.009	0.019	0.027	0.041	0.045
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	37	0.005	0.028	0.812	0.001	0.018	0.133	0.002	0.003	0.008	0.016
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/91-09/15/94	16	1.85	2.663	7.2	0.2	5.976	2.445	0.2	0.7	5.3	6.78
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/22/87-10/22/90	21 ##	1.	3.571	16.	1.	17.357	4.166	1.	1.	6.	9.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/22/87-10/22/90	21 ##	0.	0.315	1.204	0.	0.194	0.441	0.	0.	0.772	0.954
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.064								
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	33	0.011	0.013	0.043	0.001	0.	0.01	0.003	0.007	0.017	0.028
32231	CHLOROPHYLL B (MG/L)	08/14/91-09/15/94	14	0.001	0.001	0.005	0.	0.	0.001	0.	0.001	0.002	0.004
32232	CHLOROPHYLL C (MG/L)	10/16/91-09/15/94	14	0.001	0.002	0.012	0.	0.	0.003	0.	0.001	0.002	0.01
82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	27	0.	0.228	1.71	0.	0.177	0.42	0.	0.	0.27	0.762
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	27	0.	0.091	1.53	0.	0.1	0.316	0.	0.	0.	0.336
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/20/87-10/22/90	23	1.9	1.861	2.	1.5	0.024	0.156	1.58	1.8	2.	2.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0191

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	46	0	0.00	6	0	0.00	17	0	0.00	23	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	46	0	0.00	6	0	0.00	17	0	0.00	23	0	0.00			
		Other-Lo Lim.	6.5	46	0	0.00	6	0	0.00	17	0	0.00	23	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	21	0	0.00	4	0	0.00	5	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/22/87-09/15/94	5	26.	30.6	43.	20.	97.3	9.864	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	4	0.61	0.64	0.86	0.48	0.031	0.175	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	5	0.008	0.017	0.038	0.002	0.	0.016	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	5	0.002	0.002	0.004	0.001	0.	0.001	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	4	0.059	0.064	0.099	0.04	0.001	0.025	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	5	0.005	0.006	0.014	0.002	0.	0.005	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	4	0.007	0.01	0.017	0.007	0.	0.005	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/22/87-09/15/94	12	35.5	32.667	60.	5.	318.424	17.844	5.9	16.75	43.5	59.7
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	13	0.57	0.562	1.05	0.18	0.078	0.28	0.208	0.325	0.765	1.03
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	12	0.016	0.023	0.067	0.003	0.	0.02	0.003	0.01	0.037	0.062
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	12	0.002	0.006	0.04	0.	0.	0.011	0.	0.001	0.006	0.031
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	13	0.058	0.059	0.128	0.025	0.001	0.031	0.025	0.034	0.083	0.115
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	13	0.004	0.004	0.008	0.001	0.	0.002	0.001	0.003	0.006	0.008
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	12	0.009	0.01	0.032	0.001	0.	0.009	0.001	0.003	0.013	0.029

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/22/87-09/15/94	20	46.	43.6	98.	4.	625.305	25.006	16.3	22.5	58.	80.4
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	19	0.85	0.798	1.18	0.33	0.069	0.263	0.35	0.63	0.98	1.11
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	19	0.018	0.024	0.08	0.001	0.	0.021	0.003	0.007	0.037	0.053
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	19	0.001	0.004	0.05	0.	0.	0.011	0.	0.	0.002	0.008
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	19	0.081	0.084	0.14	0.047	0.001	0.025	0.049	0.067	0.093	0.131
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	19	0.007	0.05	0.812	0.002	0.034	0.185	0.003	0.004	0.014	0.02
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	17	0.014	0.016	0.043	0.003	0.	0.011	0.006	0.008	0.019	0.043

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0192

NPS Station ID: ASIS0192 LAT/LON: 38.214920/ -75.266003 Agency: 21MDEXP Date Created: 10/11/80
Location: UNNAMED RD CROSSING SCHOOLHOUSE BR RD IS 2.7MI D FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): SCN0023
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 6.000 Distance from RF1: 34.90 On/Off RF1: ON
RF3 Index: 02060010128700.38 RF3 Mile Point: 2.70 Distance from RF3: 0.04 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE SCHOOLHOUSE BR RIVER MILE IS 2.30
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY UNNAMED RD CROSSING SCHOOLHOUSE BR RD IS 2.7MI DOWN LANGMAID RD OFF113

Parameter Inventory for Station: ASIS0192

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0193

NPS Station ID: ASIS0193
LAT/LON: 38.215448/ -75.245809
Agency: 21MDEXP
Date Created: 10/11/80
Location: 200 YDS SW OF LOG PT. 4 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM3054
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 4.700
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001701.03
RF3 Mile Point: 27.71
Distance from RF3: 0.98
On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE NEWPORT BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY 200 YDS SW OF LOG PT. 4 FT DEPTH

Parameter Inventory for Station: ASIS0193

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0194

NPS Station ID: ASIS0194
LAT/LON: 38.216142/ -75.116281
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2.85 MI ESE OF FL 4M "25" 46 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN3030
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 1.40
On/Off RF1:
RF3 Index: 02060010107000.00
RF3 Mile Point: 0.46
Distance from RF3: 0.10
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN
ATLANTIC OCEAN
RIVER MILE IS .00
RECEIVING TRIBUTARY IS
2.85 MI ESE OF FL 4M "25" 46 FT DEPTH

Parameter Inventory for Station: ASIS0194

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0195

NPS Station ID: ASIS0195 LAT/LON: 38.216948/ -75.219309 Agency: 21MDEXP Date Created: 10/11/80
Location: 60% OF DISTANCE FROM LOG PT TO ISLAND PT FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCM2968
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 2.720 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001701.03 RF3 Mile Point: 27.58 Distance from RF3: 0.74 On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE NEWPORT BAY RIVER MILE IS .50
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY 60% OF DISTANCE FROM LOG PT TO ISLAND PT

Parameter Inventory for Station: ASIS0195

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0196

NPS Station ID: ASIS0196 LAT/LON: 38.221087/ -75.168031 Agency: 21MDEXP Date Created: 10/11/80
Location: E OF DAY BEACON 27 HALFWAY BETWEEN GREEN PT AND FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCN3300
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 9.060 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001701.03 RF3 Mile Point: 5.20 Distance from RF3: 3.29 On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 8.60
RECEIVING TRIBUTARY IS ATLANTIC OCEAN E OF DAY BEACON 27 HALFWAY BETWEEN GREEN PT AND GOOSE PT

Parameter Inventory for Station: ASIS0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0197

NPS Station ID: ASIS0197 LAT/LON: 38.221392/ -75.221281 Agency: 21MDEXP Date Created: 10/11/80
Location: MIDCHANNEL SSE OF KNOT PT BWT 2ND HOUSE ON IS PT FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCM3367
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 2.720 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001902.61 RF3 Mile Point: 7.21 Distance from RF3: 0.16 On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE NEWPORT BAY RIVER MILE IS 1.34
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY MIDCHANNEL SSE OF KNOT PT BWT 2ND HOUSE ON IS PT & BARE SPOT ON W SHOR

Parameter Inventory for Station: ASIS0197

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0198

NPS Station ID: ASIS0198
LAT/LON: 38.221920/ -75.221281
Agency: 21MDEXP
Date Created: 10/11/80
Location: MID-BAY 1.0 MILES EAST OF OUT PT
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM3378
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 2.720
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001902.61
RF3 Mile Point: 9.32
Distance from RF3: 0.99
On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE NEWPORT BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY MID-BAY 1.0 MILES EAST OF OUT PT

Parameter Inventory for Station: ASIS0198

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0199

NPS Station ID: ASIS0199
LAT/LON: 38.226031/ -75.166865
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT FL 4M "25"
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN3600
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 76.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010096000.00
RF3 Mile Point: 0.50
Distance from RF3: 0.33
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE RECEIVING TRIBUTARY IS ATLANTIC OCEAN
SINEPUXENT BAY AT FL 4M "25"
RIVER MILE IS 8.62

Parameter Inventory for Station: ASIS0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0200

NPS Station ID: ASIS0200
LAT/LON: 38.229059/ -75.239198
Agency: 21MDEXP
Date Created: 10/11/80
Location: 700 YDS DUE N OF OUT PT. 5 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM3857
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 3.110
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001902.03
RF3 Mile Point: 2.02
Distance from RF3: 0.09
On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE NEWPORT BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY 700 YDS DUE N OF OUT PT. 5 FT DEPTH

Parameter Inventory for Station: ASIS0200

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0201

NPS Station ID: ASIS0201 LAT/LON: 38.229753/ -75.109338 Agency: 21MDEXP Date Created: 10/11/80
Location: 2.85 MI EAST OF B DAYBEACON "23" 42FT DPTH FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCN3834
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 02060010096000.00 RF3 Mile Point: 0.50 Distance from RF3: 0.14 On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS 2.85 MI EAST OF B DAYBEACON "23" 42FT DPTH

Parameter Inventory for Station: ASIS0201

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0202

NPS Station ID: ASIS0202 LAT/LON: 38.230503/ -75.243338 Agency: 21MDEXP Date Created: 10/11/80
Location: 0.2 MILES FROM MOUTH OF MARSHALL CREEK FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCM3854
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 3.470 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001902.61 RF3 Mile Point: 9.32 Distance from RF3: 0.98 On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE NEWPORT BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY 0.2 MILES FROM MOUTH OF MARSHALL CREEK

Parameter Inventory for Station: ASIS0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0203

NPS Station ID: ASIS0203 LAT/LON: 38.231170/ -75.251698 Agency: 21MDEXP Date Created: 10/11/80
Location: UNIMPROVED ROAD OFF LANGMAID RD,PRIVATE PIER ON FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): MSL0005
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 3.610 Distance from RF1: 17.70 On/Off RF1: ON
RF3 Index: 02060010007700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.28 On/Off RF3:
Description:
02-13-01-06 CHINCOTEAGUE BAY DRAINAGE MARSHALL CK RIVER MILE IS .50
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY UNIMPROVED ROAD OFF LANGMAID RD,PRIVATE PIER ON MARSHALL CK

Parameter Inventory for Station: ASIS0203

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0204

NPS Station ID: ASIS0204
LAT/LON: 38.232615/ -75.201531
Agency: 21MDEXP
Date Created: 10/11/80
Location: 0.3 MILE FROM WEST SHORE
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM3979
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 13.490
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010096000.00
RF3 Mile Point: 1.22
Distance from RF3: 0.06
On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE NEWPORT BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY 0.3 MILE FROM WEST SHORE

Parameter Inventory for Station: ASIS0204

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0205

NPS Station ID: ASIS0205
LAT/LON: 38.233559/ -75.210532
Agency: 21MDEXP
Date Created: 10/11/80
Location: 0.3 MILES OFF KNOT POINT
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM4074
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010019
RF1 Mile Point: 0.980
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001701.03
RF3 Mile Point: 11.25
Distance from RF3: 0.14
On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE NEWPORT BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY 0.3 MILES OFF KNOT POINT

Parameter Inventory for Station: ASIS0205

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0206

NPS Station ID: ASIS0206
LAT/LON: 38.236892/ -75.158920
Agency: 21MDEXP
Date Created: 10/11/80
Location: 250 YDS WEST OF "21" 5 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN4204
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 7.740
Distance from RF1: 16.00
On/Off RF1: ON
RF3 Index: 02060010143236.43
RF3 Mile Point: 37.08
Distance from RF3: 1.82
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 7.56
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 250 YDS WEST OF "21" 5 FT DPTH

Parameter Inventory for Station: ASIS0206

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0207

NPS Station ID: ASIS0207 LAT/LON: 38.237670/ -75.207337 Agency: 11NPSWRD Date Created: 07/01/95
Location: NEWPORT BAY WEST OF NEWPORT NECK FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_CB1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
NEWPORT BAY WEST OF NEWPORT NECK TO MONITOR THE INFLUENCE OF TRAPPE CREEK ON WATER QUALITY IN CHINCOTEAGUE BAY.
SAMPLE SITE IS BY THE ISLAND THAT HAS THE NORTHERNMOST BLIND. SAMPLE ON THE LEE SIDE OF THE ISLAND AT APPROXIMATELY 100 METERS AWAY.
STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND

Parameter Inventory for Station: ASIS0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	67	24.9	23.178	29.1	12.6	24.007	4.9	15.26	18.7	26.9	28.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	44	24.	23.73	36.	12.	28.555	5.344	14.7	21.	26.7	30.
00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	44	7.	7.795	16.	0.	14.864	3.855	3.5	5.	10.	14.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	28	0.45	0.452	1.5	0.2	0.068	0.261	0.2	0.3	0.5	0.705
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	63	38200.	38376.19	51100.	22200.	41038940.092	6406.164	29740.	34700.	42600.	47280.
00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	67	7.2	7.321	10.5	4.6	1.952	1.397	5.48	6.2	8.3	9.3
00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	65	7.94	7.936	8.7	7.39	0.053	0.229	7.612	7.795	8.1	8.2
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/87-10/21/94	65	7.94	7.877	8.7	7.39	0.056	0.237	7.612	7.795	8.1	8.2
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/87-10/21/94	65	0.011	0.013	0.041	0.002	0.	0.007	0.006	0.008	0.016	0.024
00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	65	24.6	24.658	33.5	13.2	19.469	4.412	18.92	22.55	27.9	30.08
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	50	37.	38.64	84.	5.	471.256	21.708	12.2	17.	56.5	65.
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	44	1.03	1.021	1.78	0.42	0.091	0.302	0.555	0.853	1.2	1.4
00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	26	0.595	0.598	0.87	0.29	0.024	0.154	0.376	0.5	0.712	0.843
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	44	0.015	0.029	0.192	0.002	0.002	0.04	0.003	0.007	0.034	0.062
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	5	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	44	0.002	0.008	0.09	0.	0.	0.019	0.	0.001	0.006	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	44	0.103	0.107	0.202	0.03	0.001	0.039	0.058	0.083	0.128	0.18
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	26	0.046	0.045	0.073	0.025	0.	0.012	0.027	0.034	0.053	0.063
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	45	0.009	0.011	0.04	0.002	0.	0.008	0.004	0.006	0.014	0.018
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	20	4.	3.39	7.3	0.1	4.839	2.2	0.33	1.9	5.325	6.37
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	30	6.5	19.433	240.	1.	2143.978	46.303	1.	1.	16.	32.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	30	0.801	0.758	2.38	0.	0.42	0.648	0.	0.	1.204	1.503
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			5.728								
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	40	0.018	0.019	0.039	0.003	0.	0.01	0.008	0.01	0.028	0.035
32231	CHLOROPHYLL B (MG/L)	04/29/91-09/15/94	18	0.002	0.002	0.006	0.	0.	0.002	0.	0.001	0.004	0.006
32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	18	0.002	0.003	0.015	0.001	0.	0.004	0.001	0.001	0.003	0.009
82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	44	0.515	0.545	1.71	0.	0.326	0.571	0.	0.	1.11	1.4
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	44	0.	0.096	1.53	0.	0.07	0.265	0.	0.	0.	0.35
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/20/87-10/22/90	36	1.5	1.45	2.	1.2	0.043	0.206	1.2	1.3	1.5	1.79

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0207

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	67	0	0.00	6	0	0.00	28	0	0.00	33	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	65	0	0.00	6	0	0.00	26	0	0.00	33	0	0.00			
		Other-Lo Lim.	6.5	65	0	0.00	6	0	0.00	26	0	0.00	33	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	30	1	0.03	4	0	0.00	10	1	0.10	16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	5	44.	42.2	65.	26.	265.7	16.3	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	4	0.92	0.95	1.1	0.86	0.012	0.112	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	4	0.011	0.015	0.034	0.002	0.	0.014	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	4	0.003	0.011	0.04	0.	0.	0.019	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	4	0.096	0.095	0.122	0.068	0.001	0.023	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	5	0.004	0.004	0.007	0.002	0.	0.002	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	4	0.019	0.02	0.027	0.014	0.	0.006	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	20	28.5	32.	77.	5.	486.	22.045	8.2	14.25	48.25	72.5
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	18	0.86	0.852	1.3	0.42	0.073	0.269	0.483	0.583	1.068	1.228
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	17	0.022	0.04	0.192	0.003	0.003	0.058	0.003	0.007	0.045	0.184
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	17	0.003	0.015	0.09	0.	0.001	0.029	0.	0.001	0.015	0.09
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	18	0.093	0.091	0.185	0.03	0.001	0.035	0.049	0.065	0.113	0.132
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	17	0.008	0.007	0.015	0.002	0.	0.003	0.003	0.006	0.009	0.01
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	17	0.011	0.016	0.039	0.003	0.	0.01	0.005	0.01	0.023	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	25	49.	43.24	84.	12.	471.69	21.718	14.	20.5	61.	71.8
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	22	1.19	1.172	1.78	0.58	0.077	0.278	0.807	1.023	1.268	1.636
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	23	0.013	0.023	0.087	0.003	0.	0.022	0.003	0.007	0.03	0.062
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	23	0.002	0.003	0.01	0.	0.	0.003	0.	0.001	0.004	0.008
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	22	0.113	0.123	0.202	0.058	0.001	0.039	0.079	0.092	0.138	0.191
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	23	0.013	0.015	0.04	0.004	0.	0.009	0.005	0.01	0.017	0.031
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	19	0.023	0.022	0.037	0.008	0.	0.01	0.009	0.011	0.029	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

Station Inventory for Station: ASIS0208

NPS Station ID: ASIS0208 LAT/LON: 38.238031/ -75.213920 Agency: 21MDEXP Date Created: 10/11/80
Location: MIDSTREAM .65 M NW OF KNOT PT. .83 M ESE OF NEWP FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): NPB0023
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010019 RF1 Mile Point: 0.980 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010094400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.04 On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE NEWPORT BAY RIVER MILE IS 2.25
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY MIDSTREAM .65 M NW OF KNOT PT. .83 M ESE OF NEWPORT BENCH MARK

Parameter Inventory for Station: ASIS0208

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0209

NPS Station ID: ASIS0209
LAT/LON: 38.243393/ -75.102337
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2.5 MI EAST OF FL 4M "19" 41 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN4738
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02060010095800.00
RF3 Mile Point: 0.32
Distance from RF3: 0.05
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN
ATLANTIC OCEAN
RIVER MILE IS .00
RECEIVING TRIBUTARY IS
2.5 MI EAST OF FL 4M "19" 41 FT DEPTH

Parameter Inventory for Station: ASIS0209

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0210

NPS Station ID: ASIS0210 LAT/LON: 38.245503/ -75.148254 Agency: 21MD Date Created: 10/06/79
Location: MID-CHANNEL AT BRIDGE CROSSING FROM SANDY PT.-AS FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCN4811
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY - MD-DEL COASTAL ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 7.200 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001504.19 RF3 Mile Point: 4.19 Distance from RF3: 0.03 On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN MID-CHANNEL AT BRIDGE CROSSING FROM SANDY PT.-ASSATEAGUE IS. (BUOY 19)

Parameter Inventory for Station: ASIS0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-10/02/78	72	22.35	18.76	30.	2.	63.993	8.	6.65	12.	25.575	27.44
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/18/73-10/02/78	65	9.	10.685	42.	2.	56.398	7.51	3.84	5.	14.5	19.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/75-09/01/76	12	0.7	0.808	1.8	0.2	0.188	0.434	0.26	0.5	1.125	1.62
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/76-09/01/76	3	41200.	41400.	42000.	41000.	280000.	529.15	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/18/73-10/02/78	72	7.85	8.05	16.4	3.9	5.053	2.248	5.8	6.5	9.35	10.94
00340	COD, .25N K2CR2O7 MG/L	03/26/74-06/09/75	13	20.	21.615	55.	1.	289.09	17.003	1.	9.5	34.	51.8
00400	PH (STANDARD UNITS)	09/18/73-10/02/78	23	8.	7.857	8.6	6.3	0.381	0.617	6.98	7.3	8.3	8.56
00400	CONVERTED PH (STANDARD UNITS)	09/18/73-10/02/78	23	8.	7.344	8.6	6.3	0.656	0.81	6.98	7.3	8.3	8.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/73-10/02/78	23	0.01	0.045	0.501	0.003	0.011	0.104	0.003	0.005	0.05	0.107
00403	PH, LAB, STANDARD UNITS SU	03/26/74-10/02/78	64	8.	7.969	8.7	7.	0.115	0.339	7.5	7.725	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	03/26/74-10/02/78	64	8.	7.823	8.7	7.	0.136	0.369	7.5	7.725	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/74-10/02/78	64	0.01	0.015	0.1	0.002	0.	0.016	0.005	0.006	0.019	0.032
00480	SALINITY - PARTS PER THOUSAND	09/18/73-10/02/78	72	27.15	26.539	39.2	2.4	26.14	5.113	21.65	24.	29.45	31.17
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/26/74-10/02/78	38	31.	50.237	309.	4.	3928.294	62.676	8.	19.	45.5	117.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/73-10/02/78	63	0.06	0.272	8.2	0.005	1.087	1.042	0.02	0.03	0.11	0.548
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	63	0.003	0.005	0.104	0.001	0.	0.013	0.002	0.002	0.005	0.007
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	63	0.03	0.081	1.67	0.01	0.071	0.266	0.015	0.02	0.04	0.046
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/73-10/02/78	63	0.58	0.961	18.33	0.14	5.122	2.263	0.244	0.39	1.	1.432
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/73-10/02/78	67	0.08	0.103	0.44	0.005	0.006	0.076	0.04	0.05	0.12	0.204
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/18/73-10/02/78	61	9.5	11.849	44.5	0.5	97.578	9.878	2.56	5.	14.	24.5
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/26/74-06/27/78	32	3.	735.281	23000.	1.5	16508481.257	4063.063	1.5	1.5	23.	65.4
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/26/74-06/27/78	32	0.477	0.794	4.362	0.176	0.79	0.889	0.176	0.176	1.362	1.803
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.222								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/74-06/27/78	32 ##	1.5	52.938	1500.	1.5	69998.028	264.571	1.5	1.5	4.	20.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/26/74-06/27/78	32 ##	0.176	0.494	3.176	0.176	0.416	0.645	0.176	0.176	0.602	1.306
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.122								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0210

Parameter				Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	65	0	0.00	15	0	0.00	19	0	0.00	31	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	72	2	0.03	18	0	0.00	21	0	0.00	33	2	0.06			
00400	PH	Other-Hi Lim.	9.	23	0	0.00	5	0	0.00	9	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	23	1	0.04	5	1	0.20	9	0	0.00	9	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	64	0	0.00	16	0	0.00	19	0	0.00	29	0	0.00			
		Other-Lo Lim.	6.5	64	0	0.00	16	0	0.00	19	0	0.00	29	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	32	1	0.03	8	0	0.00	11	0	0.00	13	1	0.08			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	32	1	0.03	8	0	0.00	11	0	0.00	13	1	0.08			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station ASIS0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-10/02/78	1	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/18/73-10/02/78	2	14.	14.	17.	11.	18.	4.243	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/18/73-10/02/78	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/18/73-10/02/78	1	30.8	30.8	30.8	30.8	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/73-10/02/78	2	0.055	0.055	0.08	0.03	0.001	0.035	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/73-10/02/78	2	0.495	0.495	0.62	0.37	0.031	0.177	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/73-10/02/78	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ASIS0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-10/02/78	10	18.5	17.55	27.5	6.5	44.136	6.644	6.6	12.75	23.	27.05
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/18/73-10/02/78	11	6.	9.	28.	4.	51.2	7.155	4.	4.	10.	25.4
00300	OXYGEN, DISSOLVED MG/L	09/18/73-10/02/78	11	8.2	8.436	10.3	6.7	1.397	1.182	6.72	7.4	9.4	10.22
00403	PH, LAB, STANDARD UNITS SU	03/26/74-10/02/78	11	8.	7.891	8.2	7.4	0.073	0.27	7.44	7.7	8.2	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	03/26/74-10/02/78	11	8.	7.812	8.2	7.4	0.08	0.282	7.44	7.7	8.2	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/74-10/02/78	11	0.01	0.015	0.04	0.006	0.	0.01	0.006	0.006	0.02	0.037
00480	SALINITY - PARTS PER THOUSAND	09/18/73-10/02/78	11	30.3	31.445	39.2	24.	19.283	4.391	24.66	28.	35.	38.38
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/73-10/02/78	11	0.39	1.031	8.2	0.04	5.709	2.389	0.04	0.04	0.63	6.686
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	11	0.004	0.013	0.104	0.001	0.001	0.03	0.001	0.002	0.007	0.085
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	11	0.03	0.031	0.05	0.01	0.	0.012	0.011	0.02	0.04	0.048
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/73-10/02/78	11	1.25	2.641	18.33	0.25	27.281	5.223	0.286	0.66	1.61	14.998
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/73-10/02/78	11	0.06	0.076	0.19	0.005	0.003	0.058	0.008	0.02	0.12	0.182

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ASIS0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-10/02/78	24	24.75	19.292	30.	2.	88.396	9.402	4.25	9.9	26.7	28.65
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/18/73-10/02/78	23	12.	12.039	30.	2.	50.617	7.115	2.7	5.	16.	21.6
00300	OXYGEN, DISSOLVED MG/L	09/18/73-10/02/78	24	7.55	7.708	12.	3.9	4.831	2.198	4.8	6.025	10.	10.6
00403	PH, LAB, STANDARD UNITS SU	03/26/74-10/02/78	25	8.1	8.04	8.3	7.6	0.042	0.204	7.7	7.9	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	03/26/74-10/02/78	25	8.1	7.991	8.3	7.6	0.044	0.21	7.7	7.9	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/74-10/02/78	25	0.008	0.01	0.025	0.005	0.	0.005	0.005	0.006	0.013	0.02
00480	SALINITY - PARTS PER THOUSAND	09/18/73-10/02/78	23	26.5	25.961	29.9	21.5	6.553	2.56	22.32	23.2	28.3	29.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/73-10/02/78	25	0.06	0.129	1.13	0.02	0.054	0.233	0.026	0.03	0.11	0.38
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	25	0.004	0.004	0.008	0.001	0.	0.002	0.003	0.003	0.006	0.006
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	25	0.03	0.028	0.05	0.01	0.	0.01	0.016	0.02	0.04	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/73-10/02/78	25	0.5	0.545	1.3	0.18	0.064	0.253	0.246	0.375	0.645	0.934
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/73-10/02/78	25	0.1	0.123	0.44	0.04	0.008	0.09	0.04	0.07	0.16	0.232

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-10/02/78	21	22.2	17.019	28.3	3.3	62.291	7.892	5.4	9.	23.	26.36
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/18/73-10/02/78	13	12.	14.923	42.	5.	102.244	10.112	5.	9.	18.	36.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ASIS0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	09/18/73-10/02/78	20	8.25	9.01	16.4	6.5	7.698	2.774	6.5	6.825	10.85	14.44
00403	PH, LAB, STANDARD UNITS SU	03/26/74-10/02/78	12	8.	7.9	8.5	7.2	0.218	0.467	7.23	7.425	8.3	8.44
00403	CONVERTED PH, LAB, STANDARD UNITS	03/26/74-10/02/78	12	7.955	7.681	8.5	7.2	0.27	0.52	7.23	7.425	8.3	8.44
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/74-10/02/78	12	0.011	0.021	0.063	0.003	0.	0.021	0.004	0.005	0.038	0.059
00480	SALINITY - PARTS PER THOUSAND	09/18/73-10/02/78	21	25.7	24.448	34.6	2.4	39.818	6.31	19.18	22.05	27.95	30.46
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/73-10/02/78	13	0.02	0.024	0.07	0.005	0.	0.017	0.005	0.01	0.03	0.054
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	13	0.002	0.003	0.006	0.001	0.	0.001	0.001	0.002	0.003	0.006
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	13	0.03	0.288	1.67	0.02	0.307	0.554	0.02	0.025	0.25	1.534
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/73-10/02/78	13	0.58	0.645	1.5	0.14	0.168	0.41	0.148	0.29	0.94	1.36
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/73-10/02/78	13	0.08	0.084	0.15	0.05	0.001	0.034	0.05	0.05	0.105	0.146

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ASIS0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-10/02/78	11	23.8	21.955	28.5	12.	37.657	6.137	12.2	14.	27.2	28.36
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/18/73-10/02/78	11	7.5	6.909	9.	4.	3.241	1.8	4.	5.	8.	9.
00300	OXYGEN, DISSOLVED MG/L	09/18/73-10/02/78	11	6.7	6.936	11.	4.	3.877	1.969	4.16	5.8	7.9	10.6
00403	PH, LAB, STANDARD UNITS SU	03/26/74-10/02/78	11	8.	8.109	8.7	7.6	0.133	0.365	7.64	7.8	8.5	8.68
00403	CONVERTED PH, LAB, STANDARD UNITS	03/26/74-10/02/78	11	8.	7.99	8.7	7.6	0.149	0.385	7.64	7.8	8.5	8.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/74-10/02/78	11	0.01	0.01	0.025	0.002	0.	0.007	0.002	0.003	0.016	0.023
00480	SALINITY - PARTS PER THOUSAND	09/18/73-10/02/78	11	30.4	28.309	31.2	24.6	8.551	2.924	24.62	24.9	30.8	31.18
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/73-10/02/78	11	0.09	0.195	1.17	0.03	0.11	0.331	0.034	0.05	0.11	0.996
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	11	0.003	0.004	0.007	0.001	0.	0.002	0.001	0.002	0.005	0.007
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	11	0.02	0.026	0.04	0.02	0.	0.009	0.02	0.02	0.04	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/73-10/02/78	11	0.63	0.759	2.	0.2	0.299	0.547	0.22	0.4	1.	1.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/73-10/02/78	11	0.06	0.069	0.1	0.04	0.	0.022	0.042	0.05	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 1978 - Station ASIS0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/73-10/02/78	5	19.8	18.16	26.2	8.5	69.423	8.332	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/18/73-10/02/78	5	3.6	4.12	5.8	3.	1.332	1.154	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/18/73-10/02/78	5	8.4	7.68	9.5	6.	2.537	1.593	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/26/74-10/02/78	5	7.6	7.64	8.1	7.	0.193	0.439	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/26/74-10/02/78	5	7.6	7.457	8.1	7.	0.235	0.485	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/74-10/02/78	5	0.025	0.035	0.1	0.008	0.001	0.038	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/18/73-10/02/78	5	24.7	22.44	28.5	15.5	34.018	5.832	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/73-10/02/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/18/73-10/02/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/73-10/02/78	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/73-10/02/78	5	0.2	0.208	0.37	0.1	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 box-and-whisker plot

Station Inventory for Station: ASIS0211

NPS Station ID: ASIS0211 LAT/LON: 38.245560/ -75.148893 Agency: 11NPSWRD Date Created: 07/01/95
Location: SINEPUXENT BAY @ ASSATEAGUE ISLAND BRIDGE FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_SB3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
SINEPUXENT BAY AT ASSATEAGUE ISLAND BRIDGE TO MONITOR MIDDLE SINEPUXENT BAY WATER QUALITY.
JUST NORTH OF RT. 611 BRIDGE. SAMPLE UP CURRENT AND 200 FEET WEST OF MARKER. GREEN SINEPUXENT CHANNEL MARKER #19.
STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND

Parameter Inventory for Station: ASIS0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	67	24.6	22.706	29.4	11.	25.305	5.03	14.58	17.7	26.5	28.02
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	44	23.9	23.314	35.	10.	29.364	5.419	13.55	21.025	26.7	30.5
00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	44	7.5	8.364	18.	0.	15.632	3.954	5.	6.	11.	15.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	28	0.5	0.693	2.	0.3	0.178	0.422	0.3	0.5	0.8	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	63	44400.	43788.889	53200.	30800.	19314874.552	4394.869	39000.	41700.	46900.	48860.
00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	67	7.2	7.463	9.9	4.3	1.58	1.257	5.98	6.5	8.5	9.3
00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	67	7.95	7.959	8.6	7.2	0.049	0.222	7.7	7.89	8.08	8.2
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/87-10/21/94	67	7.95	7.899	8.6	7.2	0.053	0.231	7.7	7.89	8.08	8.2
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/87-10/21/94	67	0.011	0.013	0.063	0.003	0.	0.008	0.006	0.008	0.013	0.02
00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	66	28.8	28.388	35.	19.1	9.685	3.112	25.17	26.775	30.7	31.86
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	50	35.	38.38	96.	5.	427.914	20.686	13.3	23.	49.25	70.6
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-08/10/94	43	0.65	0.64	1.26	0.18	0.071	0.267	0.236	0.47	0.81	0.984
00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	25	0.41	0.394	0.63	0.15	0.016	0.126	0.216	0.29	0.5	0.56
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	44	0.015	0.024	0.108	0.002	0.001	0.026	0.003	0.008	0.029	0.074
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	5	0.002	0.002	0.005	0.	0.	0.002	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	43	0.002	0.007	0.07	0.	0.	0.014	0.	0.001	0.006	0.016
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-08/10/94	43	0.07	0.074	0.138	0.02	0.001	0.028	0.038	0.051	0.092	0.116
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	25	0.032	0.036	0.089	0.017	0.	0.016	0.019	0.023	0.045	0.053
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	45	0.007	0.025	0.709	0.002	0.011	0.105	0.003	0.005	0.011	0.024
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	20	1.9	2.321	6.7	0.02	4.423	2.103	0.11	0.425	3.275	6.07
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	30 ##	1.	4.567	33.	1.	51.22	7.157	1.	1.	4.5	16.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	30 ##	0.	0.341	1.519	0.	0.224	0.474	0.	0.	0.646	1.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.192								
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	41	0.01	0.011	0.032	0.001	0.	0.008	0.002	0.006	0.018	0.025
32231	CHLOROPHYLL B (MG/L)	06/19/91-09/15/94	17	0.001	0.001	0.005	0.	0.	0.001	0.	0.	0.002	0.003
32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	18	0.001	0.002	0.01	0.	0.	0.003	0.	0.001	0.002	0.008
82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	44	0.515	0.545	1.71	0.	0.326	0.571	0.	0.	1.11	1.4
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	44	0.	0.096	1.53	0.	0.07	0.265	0.	0.	0.	0.35
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/20/87-10/22/90	36	2.	2.147	3.5	1.2	0.389	0.624	1.5	1.8	2.45	3.36

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0211

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	67	0	0.00	6	0	0.00	28	0	0.00	33	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	67	0	0.00	6	0	0.00	28	0	0.00	33	0	0.00			
		Other-Lo Lim.	6.5	67	0	0.00	6	0	0.00	28	0	0.00	33	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	30	0	0.00	4	0	0.00	10	0	0.00	16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	5	31.	34.	54.	18.	221.5	14.883	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-08/10/94	4	0.54	0.558	0.77	0.38	0.029	0.17	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	5	0.005	0.009	0.028	0.002	0.	0.011	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	5	0.003	0.015	0.05	0.002	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-08/10/94	4	0.057	0.06	0.09	0.034	0.001	0.024	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	5	0.006	0.007	0.016	0.004	0.	0.005	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	4	0.006	0.008	0.018	0.004	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	20	32.5	31.8	96.	5.	428.905	20.71	8.1	16.	41.5	49.9
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-08/10/94	17	0.48	0.505	1.	0.18	0.063	0.251	0.18	0.255	0.71	0.896
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	16	0.018	0.027	0.077	0.003	0.001	0.024	0.005	0.01	0.039	0.073
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	16	0.004	0.008	0.07	0.	0.	0.017	0.	0.001	0.006	0.027
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-08/10/94	17	0.057	0.063	0.12	0.02	0.001	0.028	0.024	0.044	0.086	0.104
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	17	0.006	0.007	0.022	0.002	0.	0.005	0.003	0.004	0.009	0.013
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	17	0.009	0.01	0.029	0.001	0.	0.009	0.001	0.003	0.016	0.026

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	25	42.	44.52	85.	13.	417.843	20.441	18.8	26.	60.	76.8
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-08/10/94	22	0.745	0.76	1.26	0.29	0.06	0.244	0.377	0.605	0.9	1.149
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	23	0.012	0.025	0.108	0.003	0.001	0.028	0.003	0.01	0.029	0.084
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	22	0.002	0.005	0.05	0.	0.	0.011	0.	0.001	0.006	0.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-08/10/94	22	0.082	0.084	0.138	0.049	0.001	0.025	0.052	0.066	0.103	0.119
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	23	0.009	0.041	0.709	0.002	0.021	0.146	0.002	0.005	0.015	0.029
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	20	0.011	0.013	0.032	0.003	0.	0.008	0.005	0.007	0.018	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0212

NPS Station ID: ASIS0212 LAT/LON: 38.245560/ -75.203642 Agency: 21MDEXP Date Created: 10/11/80
Location: MID CHANNEL 1MILE ABOVE AND DIRECTLY IN LINE WIT FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCM4878
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 14.980 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001701.03 RF3 Mile Point: 12.14 Distance from RF3: 0.23 On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE NEWPORT BAY RIVER MILE IS 2.81
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY MID CHANNEL 1MILE ABOVE AND DIRECTLY IN LINE WITH KNOT PT, 3POLES WEST

Parameter Inventory for Station: ASIS0212

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0213

NPS Station ID: ASIS0213
LAT/LON: 38.247115/ -75.146142
Agency: 21MDEXP
Date Created: 10/11/80
Location: 300 YDS NE OF FL 4M "19" 3 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN4912
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 74.420
Distance from RF1: 15.60
On/Off RF1: ON
RF3 Index: 02060010143236.43
RF3 Mile Point: 37.74
Distance from RF3: 1.77
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 6.85
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 300 YDS NE OF FL 4M "19" 3 FT DPTH

Parameter Inventory for Station: ASIS0213

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0214

NPS Station ID: ASIS0214
LAT/LON: 38.250420/ -75.198976
Agency: 21MDEXP
Date Created: 10/11/80
Location: MOUTH OF GREYS INLET
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCM5081
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010018
RF1 Mile Point: 0.140
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 02060010001800.37
RF3 Mile Point: 0.37
Distance from RF3: 0.21
On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE NEWPORT BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS CHINCOTEAGUE BAY MOUTH OF GREYS INLET

Parameter Inventory for Station: ASIS0214

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0215

NPS Station ID: ASIS0215
LAT/LON: 38.254170/ -75.193670
Agency: 21MDEXP
Date Created: 10/11/80
Location: MOUTH OF TRAPPE CREEK
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TRC0001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010018
RF1 Mile Point: 0.430
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010126200.00
RF3 Mile Point: 0.15
Distance from RF3: 0.02
On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE TRAPPE CREEK RIVER MILE IS .10
RECEIVING TRIBUTARY IS NEWPORT BAY MOUTH OF TRAPPE CREEK

Parameter Inventory for Station: ASIS0215

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0216

NPS Station ID: ASIS0216 LAT/LON: 38.255837/ -75.192004 Agency: 11NPSWRD Date Created: 07/01/95
Location: CHINCOTEAGUE BAY - TRAPPE CREEK FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_CB6
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
CHINCOTEAGUE BAY AT THE MOUTH OF TRAPPE CREEK SAMPLE IS TAKEN IN CHINCOTEAGUE BAY AT THE MOUTH OF TRAPPE CREEK.
THERE SHOULD BE SOME SMALL MARSH ISLANDS AT THE SITE AS WELL. STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND
NATIONAL SEASHORE AS PART OF A NETWORK TO MONITOR WATER QUALITY IN

Parameter Inventory for Station: ASIS0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/91-10/21/94	23	24.6	22.183	28.9	13.4	27.043	5.2	14.12	16.9	26.3	28.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/91-10/21/94	20	36800.	33980.	47600.	14700.	82732210.526	9095.725	17220.	29875.	39900.	44510.
00300	OXYGEN, DISSOLVED MG/L	04/29/91-10/21/94	23	6.2	6.452	9.1	4.1	2.994	1.73	4.28	4.9	8.2	8.78
00406	PH, FIELD, STANDARD UNITS SU	04/29/91-10/21/94	23	7.7	7.62	8.46	5.	0.43	0.656	7.032	7.55	7.9	8.128
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/29/91-10/21/94	23	7.7	6.339	8.46	5.	2.145	1.465	7.032	7.55	7.9	8.128
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/29/91-10/21/94	23	0.02	0.458	10.	0.003	4.327	2.08	0.007	0.013	0.028	0.097
00480	SALINITY - PARTS PER THOUSAND	04/29/91-10/21/94	23	24.3	22.026	31.	8.5	36.017	6.001	10.76	19.7	25.8	28.58
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/91-09/15/94	20	21.5	25.4	78.	6.	281.2	16.769	11.	15.25	26.75	53.7
00600	NITROGEN, TOTAL (MG/L AS N)	04/29/91-08/10/94	19	1.29	1.272	2.16	0.62	0.142	0.377	0.66	1.04	1.55	1.68
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/29/91-09/15/94	19	0.011	0.064	0.854	0.003	0.038	0.195	0.003	0.003	0.018	0.158
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/29/91-09/15/94	20	0.001	0.042	0.6	0.	0.019	0.139	0.	0.	0.004	0.182
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/91-08/10/94	19	0.142	0.134	0.205	0.048	0.002	0.041	0.072	0.103	0.161	0.179
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/91-09/15/94	20	0.011	0.016	0.06	0.003	0.	0.014	0.003	0.007	0.021	0.037
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	20	3.3	3.315	8.2	0.2	4.827	2.197	0.32	1.625	4.175	7.62
32230	CHLOROPHYLL A (MG/L)	04/29/91-09/15/94	20	0.021	0.022	0.041	0.004	0.	0.011	0.006	0.015	0.032	0.038
32231	CHLOROPHYLL B (MG/L)	04/29/91-09/15/94	18	0.002	0.002	0.005	0.	0.	0.002	0.	0.001	0.003	0.005
32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	18	0.001	0.002	0.006	0.	0.	0.002	0.001	0.001	0.002	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

EPA Water Quality Criteria Analysis for Station: ASIS0216

Parameter				Total	Exceed	Prop.	----------10/15-3/15----------			----------3/16-6/30----------			----------7/01-10/14----------			----------n/a----------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	23	0	0.00	2	0	0.00	12	0	0.00	9	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	23	0	0.00	2	0	0.00	12	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	23	1	0.04	2	0	0.00	12	1	0.08	9	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0217

NPS Station ID: ASIS0217 LAT/LON: 38.256032/ -75.188753 Agency: 21MDEXP Date Created: 10/11/80
Location: .43 MI FROM MOUTH OF CRK ON EASTERNSIDE OF ISLAN FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TRC0004
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010018 RF1 Mile Point: 0.880 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010010400.00 RF3 Mile Point: 0.48 Distance from RF3: 0.04 On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE TRAPPE CREEK RIVER MILE IS .43
RECEIVING TRIBUTARY IS NEWPORT BAY .43 MI FROM MOUTH OF CRK ON EASTERNSIDE OF ISLAND

Parameter Inventory for Station: ASIS0217

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0218

NPS Station ID: ASIS0218
LAT/LON: 38.257003/ -75.096060
Agency: 21MDEXP
Date Created: 10/11/80
Location: 2.15 MI SW OF RB CAN 41 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN5542
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02060010096000.00
RF3 Mile Point: 0.01
Distance from RF3: 0.18
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN
ATLANTIC OCEAN
RIVER MILE IS .00
RECEIVING TRIBUTARY IS
2.15 MI SW OF RB CAN 41 FT DPTH

Parameter Inventory for Station: ASIS0218

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0219

NPS Station ID: ASIS0219 LAT/LON: 38.257449/ -75.190781 Agency: 21MDEXP Date Created: 10/11/80
Location: .16 MI FROM MOUTH ON WESTERN SIDE OF ISLAND FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TRC0002
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010018 RF1 Mile Point: 0.880 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010010400.00 RF3 Mile Point: 0.42 Distance from RF3: 0.10 On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE TRAPPE CREEK RIVER MILE IS .16
RECEIVING TRIBUTARY IS NEWPORT BAY .16 MI FROM MOUTH ON WESTERN SIDE OF ISLAND

Parameter Inventory for Station: ASIS0219

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0220

NPS Station ID: ASIS0220 LAT/LON: 38.260892/ -75.184449 Agency: 21MDEXP Date Created: 10/11/80
Location: 100FEET DOWNSTREAM OF TIP OF ISLAND NORTH ENTRAN FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TRC0011
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010018 RF1 Mile Point: 1.230 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE TRAPPE CREEK RIVER MILE IS 1.08
RECEIVING TRIBUTARY IS NEWPORT BAY 100FEET DOWNSTREAM OF TIP OF ISLAND NORTH ENTRANCE BUDDY POND

Parameter Inventory for Station: ASIS0220

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0221

NPS Station ID: ASIS0221
LAT/LON: 38.262754/ -75.145727
Agency: 21MDEXP
Date Created: 10/11/80
Location: 500 YDS NNW OF R "16" 2 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN5811
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 5.610
Distance from RF1: 15.70
On/Off RF1: ON
RF3 Index: 02060010143236.43
RF3 Mile Point: 38.56
Distance from RF3: 1.74
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 5.70
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 500 YDS NNW OF R "16" 2 FT DPTH

Parameter Inventory for Station: ASIS0221

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0222

NPS Station ID: ASIS0222
LAT/LON: 38.263198/ -75.138393
Agency: 21MDEXP
Date Created: 10/11/80
Location: 300 YDS SOUTH OF FL 4M "15" 4 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN5817
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 72.870
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010092700.00
RF3 Mile Point: 0.24
Distance from RF3: 0.11
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 5.54
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 300 YDS SOUTH OF FL 4M "15" 4 FT DEPTH

Parameter Inventory for Station: ASIS0222

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0223

NPS Station ID: ASIS0223 LAT/LON: 38.264670/ -75.179476 Agency: 21MDEXP Date Created: 10/11/80
Location: .2 M DOWNSTREAM OF CONFLUENCE W/WRIGHTS POND. AT FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TRC0016
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010018 RF1 Mile Point: 1.580 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001801.46 RF3 Mile Point: 1.46 Distance from RF3: 0.02 On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE TRAPPE CREEK RIVER MILE IS 1.59
RECEIVING TRIBUTARY IS NEWPORT BAY .2 M DOWNSTREAM OF CONFLUENCE W/WRIGHTS POND. AT APEX BEND MISTREAM

Parameter Inventory for Station: ASIS0223

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0224

NPS Station ID: ASIS0224
LAT/LON: 38.267448/ -75.199253
Agency: 21MDEXP
Date Created: 10/11/80
Location: END OF HAYES LANDING ROAD
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): NPC0012
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010018
RF1 Mile Point: 1.080
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001701.03
RF3 Mile Point: 12.41
Distance from RF3: 0.37
On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE NEWPORT CREEK RIVER MILE IS 1.20
RECEIVING TRIBUTARY IS NEWPORT BAY END OF HAYES LANDING ROAD

Parameter Inventory for Station: ASIS0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0225

NPS Station ID: ASIS0225
LAT/LON: 38.269170/ -75.119448
Agency: 11121SWQ
Date Created: / /
Location: E SHORE FACING OCEAN
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASSATEAGUE-15
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 1
Aquifer:
Major Basin: MIDDLE ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 71.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010092300.00
RF3 Mile Point: 4.72
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0226

NPS Station ID: ASIS0226
LAT/LON: 38.269781/ -75.173059
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT SE TIP OF AYER ISLAND
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TRC0024
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 6.110
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001801.46
RF3 Mile Point: 1.46
Distance from RF3: 0.02
On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE TRAPPE CREEK RIVER MILE IS 2.42
RECEIVING TRIBUTARY IS NEWPORT BAY AT SE TIP OF AYER ISLAND

Parameter Inventory for Station: ASIS0226

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0227

NPS Station ID: ASIS0227
LAT/LON: 38.269809/ -75.089448
Agency: 21MDEXP
Date Created: 10/11/80
Location: 1.3 MI SW OF RB CAN 36 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN6246
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 1.40
On/Off RF1:
RF3 Index: 02060010107000.00
RF3 Mile Point: 0.46
Distance from RF3: 0.10
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN
ATLANTIC OCEAN
RIVER MILE IS .00
RECEIVING TRIBUTARY IS
1.3 MI SW OF RB CAN 36 FT DPTH

Parameter Inventory for Station: ASIS0227

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0228

NPS Station ID: ASIS0228 LAT/LON: 38.270559/ -75.122503 Agency: 11121SWQ Date Created: / /
Location: W SHORE IN MUDFLAT AREA FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SINEPUXENT-14
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 1 Aquifer:
Major Basin: MIDDLE ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 4.760 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010092600.00 RF3 Mile Point: 0.50 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0228

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/18/71-06/18/71	1	88.	88.	88.	88.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/18/71-06/18/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/18/71-06/18/71	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/18/71-06/18/71	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/18/71-06/18/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/18/71-06/18/71	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/18/71-06/18/71	1	70.	70.	70.	70.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/18/71-06/18/71	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0228

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	1	0	0.00				1	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	1	0	0.00				1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	1	0	0.00				1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	1	0	0.00				1	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	1	0	0.00				1	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	1	0	0.00				1	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0229

NPS Station ID: ASIS0229
LAT/LON: 38.270559/ -75.123059
Agency: 1113VABD
Date Created: / /
Location: IPTIONS NOT FURNISHED.
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 014
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION DESCR
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 4.760
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010092600.00
RF3 Mile Point: 0.50
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0229

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0230

NPS Station ID: ASIS0230
LAT/LON: 38.271087/ -75.133337
Agency: 21MDEXP
Date Created: 10/11/80
Location: 600 YDS SE OF R "14" 3 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN6320
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 4.760
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010092700.00
RF3 Mile Point: 0.34
Distance from RF3: 0.28
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 5.06
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 600 YDS SE OF R "14" 3 FT DPTH

Parameter Inventory for Station: ASIS0230

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0231

NPS Station ID: ASIS0231
LAT/LON: 38.271115/ -75.125005
Agency: 1113VABD
Date Created: / /
Location: IPTIONS NOT FURNISHED.
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 013
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION DESCR
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 4.760
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010092300.00
RF3 Mile Point: 6.02
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0231

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0232

NPS Station ID: ASIS0232 LAT/LON: 38.271392/ -75.125005 Agency: 11121SWQ Date Created: / /
Location: MUDFLATS OF BAY FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SINEPUXENT-13
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 1 Aquifer:
Major Basin: MIDDLE ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 4.760 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010092300.00 RF3 Mile Point: 6.02 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/18/71-06/18/71	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/18/71-06/18/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/18/71-06/18/71	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/18/71-06/18/71	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/18/71-06/18/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/18/71-06/18/71	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/18/71-06/18/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/18/71-06/18/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/18/71-06/18/71	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0232

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	1	0	0.00				1	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	1	0	0.00				1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	1	0	0.00				1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	1	0	0.00				1	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	1	0	0.00				1	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	1	0	0.00				1	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0233

NPS Station ID: ASIS0233 LAT/LON: 38.275642/ -75.127615 Agency: 21MDEXP Date Created: 10/11/80
Location: E OF DAY BEACON 14 MIDWAY BETWEEN GREY PT AND OP FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCN6722
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 71.830 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010092000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.28 On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 4.40
RECEIVING TRIBUTARY IS ATLANTIC OCEAN E OF DAY BEACON 14 MIDWAY BETWEEN GREY PT AND OPPOSITE SHORE

Parameter Inventory for Station: ASIS0233

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0234

NPS Station ID: ASIS0234 LAT/LON: 38.278310/ -75.172503 Agency: 21MDEXP Date Created: 10/11/80
Location: .2 M DOWNSTREAM OF CONFLUENCE W/AYER CREEK S OF FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TRC0031
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 5.860 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001801.46 RF3 Mile Point: 1.46 Distance from RF3: 0.03 On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE TRAPPE CREEK RIVER MILE IS 3.11
RECEIVING TRIBUTARY IS NEWPORT BAY .2 M DOWNSTREAM OF CONFLUENCE W/AYER CREEK S OF POINT GUN MIDSTREAM

Parameter Inventory for Station: ASIS0234

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0235

NPS Station ID: ASIS0235
LAT/LON: 38.282781/ -75.113060
Agency: 1113VABD
Date Created: / /
Location: IPTIONS NOT FURNISHED.
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 012
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION DESCR
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 3.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010092300.00
RF3 Mile Point: 6.02
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0235

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0236

NPS Station ID: ASIS0236 LAT/LON: 38.283837/ -75.176198 Agency: 21MDEXP Date Created: 10/11/80
Location: .4 M DOWNSTREAM OF HERRING GUT MIDSTREAM OFF SMA FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): TRC0038
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 4.370 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001801.46 RF3 Mile Point: 1.46 Distance from RF3: 0.01 On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE TRAPPE CREEK RIVER MILE IS 3.80
RECEIVING TRIBUTARY IS NEWPORT BAY .4 M DOWNSTREAM OF HERRING GUT MIDSTREAM OFF SMALL EMBAYMENT ON N SIDE

Parameter Inventory for Station: ASIS0236

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0237

NPS Station ID: ASIS0237 LAT/LON: 38.284170/ -75.111948 Agency: 11121SWQ Date Created: / /
Location: E SHORE FACING ISLAND FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): ASSATEAGUE-12
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 1 Aquifer:
Major Basin: MIDDLE ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 3.070 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010093700.00 RF3 Mile Point: 3.09 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0237

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/17/71-06/17/71	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/17/71-06/17/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/17/71-06/17/71	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/17/71-06/17/71	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/17/71-06/17/71	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/17/71-06/17/71	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/17/71-06/17/71	1	60.	60.	60.	60.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/17/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	2 ##	0.088	0.088	0.17	0.005	0.014	0.117	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	2	0.26	0.26	0.52	0.	0.135	0.368	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	2 ##	0.001	0.001	0.003	0.	0.	0.002	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0237

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	2	0	0.00	1	0	0.00	1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	2	0	0.00	1	0	0.00	1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	2	0	0.00	1	0	0.00	1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ASIS0237

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	2	1	0.50	1	0	0.00	1	1	1.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	2	0	0.00	1	0	0.00	1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	2	0	0.00	1	0	0.00	1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0238

NPS Station ID: ASIS0238
LAT/LON: 38.284170/ -75.118338
Agency: 1113VABD
Date Created: / /
Location: IPTIONS NOT FURNISHED.
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 011
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION DESCR
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 3.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143236.43
RF3 Mile Point: 47.35
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0238

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0239

NPS Station ID: ASIS0239 LAT/LON: 38.284227/ -75.165392 Agency: 21MDEXP Date Created: 10/11/80
Location: AT LANDING ON SECOND MAJOR BEND IN STREAM .75 M FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): AYR0008
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 4.270 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.30 On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE AYER CREEK RIVER MILE IS .75
RECEIVING TRIBUTARY IS TRAPPE CREEK AT LANDING ON SECOND MAJOR BEND IN STREAM .75 M ABOVE MOUTH

Parameter Inventory for Station: ASIS0239

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0240

NPS Station ID: ASIS0240
LAT/LON: 38.284282/ -75.083837
Agency: 21MDEXP
Date Created: 10/11/80
Location: .72 MI WNW OF RB C 39 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN7150
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02060010091600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.15
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN
ATLANTIC OCEAN
RIVER MILE IS .00
RECEIVING TRIBUTARY IS
.72 MI WNW OF RB C 39 FT DPTH

Parameter Inventory for Station: ASIS0240

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0241

NPS Station ID: ASIS0241 LAT/LON: 38.284448/ -75.117503 Agency: 11121SWQ Date Created: / /
Location: W SHORE IN MARSH AREA FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SINEPUXENT-11
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 1 Aquifer:
Major Basin: MIDDLE ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 3.070 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143236.43 RF3 Mile Point: 47.35 Distance from RF3: 0.11 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-06/16/71	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0241

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	1	1.00				1	1	1.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	1	0	0.00				1	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	1	0	0.00				1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	1	0	0.00				1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	1	0	0.00				1	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	1	1	1.00				1	1	1.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	1	0	0.00				1	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0242

NPS Station ID: ASIS0242
LAT/LON: 38.285003/ -75.121116
Agency: 1113VABD
Date Created: / /
Location: IPTION IMPOSSIBLE
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 010
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION DESCR
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 3.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010093700.00
RF3 Mile Point: 3.13
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0242

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0243

NPS Station ID: ASIS0243 LAT/LON: 38.285032/ -75.129809 Agency: 21MDEXP Date Created: 10/11/80
Location: FL13 HALFWAY BETWEEN COFFIN PT AND FASSETT POINT FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCN7221
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 3.420 Distance from RF1: 21.30 On/Off RF1: ON
RF3 Index: 02060010001601.19 RF3 Mile Point: 6.83 Distance from RF3: 2.24 On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 4.10
RECEIVING TRIBUTARY IS ATLANTIC OCEAN FL13 HALFWAY BETWEEN COFFIN PT AND FASSETT POINT IN CHANNEL

Parameter Inventory for Station: ASIS0243

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0244

NPS Station ID: ASIS0244 LAT/LON: 38.285281/ -75.120837 Agency: 11121SWQ Date Created: / /
Location: MUD FLAT OFF W SHORE OF ISLAND FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SINEPUXENT-10
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 1 Aquifer:
Major Basin: MIDDLE ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 71.580 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010093800.00 RF3 Mile Point: 2.46 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	1	101.	101.	101.	101.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2	0.185	0.185	0.37	0.	0.068	0.262	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.443	0.443	0.88	0.005	0.383	0.619	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.001	0.001	0.003	0.	0.	0.002	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0244

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	2	0	0.00	1	0	0.00	1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	2	0	0.00	1	0	0.00	1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	2	0	0.00	1	0	0.00	1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ASIS0244

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	2	1	0.50	1	0	0.00	1	1	1.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	2	0	0.00	1	0	0.00	1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	2	0	0.00	1	0	0.00	1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0245

NPS Station ID: ASIS0245
LAT/LON: 38.290503/ -75.128976
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT BUOY R12 MID-CHANNEL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN7523
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010021
RF1 Mile Point: 71.580
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010091600.00
RF3 Mile Point: 0.38
Distance from RF3: 0.04
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN AT BUOY R12 MID-CHANNEL

Parameter Inventory for Station: ASIS0245

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0246

NPS Station ID: ASIS0246
LAT/LON: 38.291920/ -75.130698
Agency: 21MDEXP
Date Created: 10/11/80
Location: MOUTH OF SOUTH CANAL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UAC0000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 3.070
Distance from RF1: 19.30
On/Off RF1: ON
RF3 Index: 02060010128203.53
RF3 Mile Point: 3.55
Distance from RF3: 0.04
On/Off RF3:
Description:
02-12-01-02 ASSAWOMAN BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .00
RECEIVING TRIBUTARY IS SINEPUXENT BAY MOUTH OF SOUTH CANAL

Parameter Inventory for Station: ASIS0246

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0247

NPS Station ID: ASIS0247
LAT/LON: 38.293003/ -75.130310
Agency: 21MDEXP
Date Created: 10/11/80
Location: MOUTH OF NORTH CANAL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UAD0000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 2.980
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010090800.00
RF3 Mile Point: 2.24
Distance from RF3: 0.19
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .00
RECEIVING TRIBUTARY IS SINEPUXENT BAY MOUTH OF NORTH CANAL

Parameter Inventory for Station: ASIS0247

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0248

NPS Station ID: ASIS0248
LAT/LON: 38.293337/ -75.133448
Agency: 21MDEXP
Date Created: 10/11/80
Location: MIDWAY IN SOUTH CANAL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UAC0002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 3.220
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001601.19
RF3 Mile Point: 11.68
Distance from RF3: 0.01
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .20
RECEIVING TRIBUTARY IS SINEPUXENT BAY MIDWAY IN SOUTH CANAL

Parameter Inventory for Station: ASIS0248

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0249

NPS Station ID: ASIS0249 LAT/LON: 38.293892/ -75.123892 Agency: 11NPSWRD Date Created: 07/01/95
Location: SINEPUXENT BAY @ OUTLET OF SNUG HARBOR FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_SB2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
SINEPUXENT BAY AT OUTLET OF SNUG HARBOR TO MONITOR THE IMPACT OF HARBOR AND SEPTIC SYSTEMS.
SAMPLE UP CURRENT FROM GREEN SINEPUXENT CHANNEL MARKER #13. STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND NATIONAL SEASHORE AS PART OF A NETWORK TO MONITOR WATER QUALITY IN

Parameter Inventory for Station: ASIS0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	62	23.2	21.671	29.4	9.7	22.011	4.692	14.3	17.9	25.225	26.61
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	44	23.95	23.123	34.	10.	25.961	5.095	14.4	21.025	25.	29.5
00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	44	8.	8.545	15.	0.	16.672	4.083	4.	6.	12.	15.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	29	0.7	0.797	1.7	0.3	0.132	0.363	0.5	0.5	1.	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	58	45550.	44984.483	52000.	30900.	14193263.763	3767.395	38050.	43850.	47350.	48510.
00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	62	7.4	7.495	10.	5.4	1.121	1.059	6.06	6.8	8.1	9.17
00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	62	7.9	7.892	8.73	6.8	0.068	0.261	7.7	7.8	7.958	8.17
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/87-10/21/94	62	7.9	7.796	8.73	6.8	0.078	0.278	7.7	7.8	7.958	8.17
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/87-10/21/94	62	0.013	0.016	0.158	0.002	0.	0.019	0.007	0.011	0.016	0.02
00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	61	29.6	29.395	34.2	19.2	6.905	2.628	26.94	28.65	31.2	31.88
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	45	38.	41.244	130.	8.	620.734	24.915	12.6	25.	52.5	74.2
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	39	0.41	0.446	1.14	0.15	0.042	0.204	0.19	0.3	0.58	0.7
00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	24	0.255	0.279	0.55	0.13	0.012	0.108	0.145	0.193	0.348	0.43
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	41	0.023	0.032	0.098	0.003	0.001	0.026	0.004	0.012	0.048	0.079
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	5	0.001	0.002	0.007	0.	0.	0.003	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	41	0.004	0.01	0.09	0.	0.	0.018	0.	0.002	0.01	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	39	0.057	0.06	0.135	0.025	0.001	0.024	0.035	0.044	0.073	0.099
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	25	0.029	0.03	0.052	0.015	0.	0.009	0.017	0.023	0.036	0.044
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	42	0.008	0.014	0.091	0.003	0.	0.015	0.004	0.005	0.02	0.023
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/91-09/15/94	16	0.65	1.252	5.1	0.004	2.236	1.495	0.015	0.3	1.575	4.19
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	29	2.	9.	49.	1.	141.357	11.889	1.	1.	16.	33.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	29	0.301	0.607	1.69	0.	0.317	0.563	0.	0.	1.204	1.519
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.048								
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	36	0.006	0.008	0.031	0.001	0.	0.006	0.002	0.004	0.01	0.015
32231	CHLOROPHYLL B (MG/L)	08/14/91-09/15/94	15	0.001	0.001	0.002	0.	0.	0.	0.	0.	0.001	0.001
32232	CHLOROPHYLL C (MG/L)	08/14/91-09/15/94	15	0.001	0.001	0.009	0.	0.	0.002	0.	0.001	0.001	0.005
82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	44	0.515	0.542	1.71	0.	0.328	0.573	0.	0.	1.11	1.4
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	44	0.	0.096	1.53	0.	0.07	0.265	0.	0.	0.	0.35
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	08/20/87-10/22/90	37	2.3	2.162	3.5	1.	0.638	0.799	1.	1.35	3.	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0249

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	62	0	0.00	6	0	0.00	24	0	0.00	32	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	62	0	0.00	6	0	0.00	24	0	0.00	32	0	0.00			
		Other-Lo Lim.	6.5	62	0	0.00	6	0	0.00	24	0	0.00	32	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	29	0	0.00	4	0	0.00	10	0	0.00	15	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	5	38.	41.	57.	29.	105.5	10.271	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	4	0.34	0.36	0.48	0.28	0.007	0.085	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	5	0.038	0.036	0.055	0.004	0.	0.019	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	5	0.01	0.036	0.09	0.01	0.001	0.037	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	4	0.06	0.067	0.099	0.048	0.	0.022	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	5	0.02	0.018	0.021	0.009	0.	0.005	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	4	0.004	0.004	0.005	0.003	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 box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	17	39.	45.765	130.	8.	869.191	29.482	8.	26.	61.	86.8
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	14	0.35	0.382	0.74	0.15	0.033	0.182	0.165	0.258	0.5	0.705
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	14	0.019	0.029	0.079	0.01	0.	0.021	0.011	0.013	0.042	0.067
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	15	0.002	0.007	0.05	0.	0.	0.013	0.	0.001	0.006	0.032
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	14	0.044	0.053	0.109	0.025	0.001	0.025	0.025	0.034	0.071	0.097
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	15	0.005	0.007	0.02	0.003	0.	0.005	0.003	0.004	0.006	0.018
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	14	0.006	0.008	0.031	0.001	0.	0.008	0.001	0.002	0.009	0.026

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	23	35.	37.957	108.	10.	563.043	23.729	12.4	18.	49.	74.8
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-09/15/94	21	0.47	0.506	1.14	0.15	0.049	0.221	0.236	0.345	0.615	0.804
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	22	0.023	0.033	0.098	0.003	0.001	0.03	0.003	0.007	0.051	0.086
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	21	0.004	0.006	0.02	0.	0.	0.006	0.	0.002	0.009	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-09/15/94	21	0.06	0.064	0.135	0.039	0.001	0.022	0.041	0.049	0.075	0.097
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	22	0.012	0.018	0.091	0.004	0.	0.02	0.004	0.007	0.022	0.044
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	18	0.008	0.009	0.016	0.003	0.	0.004	0.004	0.006	0.011	0.015

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0250

NPS Station ID: ASIS0250
LAT/LON: 38.294420/ -75.132366
Agency: 21MDEXP
Date Created: 10/11/80
Location: MIDWAY IN NORTH CANAL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UAD0001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 2.870
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001601.19
RF3 Mile Point: 11.67
Distance from RF3: 0.02
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .10
RECEIVING TRIBUTARY IS SINEPUXENT BAY MIDWAY IN NORTH CANAL

Parameter Inventory for Station: ASIS0250

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0251

NPS Station ID: ASIS0251
LAT/LON: 38.294616/ -75.162670
Agency: 21MDEXP
Date Created: 10/11/80
Location: MD 376 CROSSING
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): AYR0017
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 3.960
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010002500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:
02-13-01-05 NEWPORT BAY DRAINAGE AYER CREEK RIVER MILE IS 1.70
RECEIVING TRIBUTARY IS TRAPPE CREEK MD 376 CROSSING

Parameter Inventory for Station: ASIS0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0252

NPS Station ID: ASIS0252
LAT/LON: 38.294892/ -75.127838
Agency: 21MDEXP
Date Created: 10/11/80
Location: MOUTH OF BAT CREEK
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): BXT0000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 2.870
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001504.19
RF3 Mile Point: 4.19
Distance from RF3: 0.03
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE BAT CREEK RIVER MILE IS .00
RECEIVING TRIBUTARY IS SINEPUXENT BAY MOUTH OF BAT CREEK

Parameter Inventory for Station: ASIS0252

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0253

NPS Station ID: ASIS0253
LAT/LON: 38.295031/ -75.136531
Agency: 21MDEXP
Date Created: 10/11/80
Location: HEAD OF SOUTH CANAL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UAC0004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 3.220
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010091000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .40
RECEIVING TRIBUTARY IS SINEPUXENT BAY HEAD OF SOUTH CANAL

Parameter Inventory for Station: ASIS0253

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0254

NPS Station ID: ASIS0254 LAT/LON: 38.295170/ -75.129198 Agency: 21MDEXP Date Created: 10/11/80
Location: 0.1 MILES UPSTREAM FROM MOUTH OF BAT CRK FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): BXT0001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 2.870 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010090700.00 RF3 Mile Point: 2.51 Distance from RF3: 0.03 On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE BAT CREEK RIVER MILE IS .10
RECEIVING TRIBUTARY IS SINEPUXENT BAY 0.1 MILES UPSTREAM FROM MOUTH OF BAT CRK

Parameter Inventory for Station: ASIS0254

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0255

NPS Station ID: ASIS0255
LAT/LON: 38.295281/ -75.134782
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT HEAD OF NORTH CANAL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UAD0003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 2.870
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010090800.00
RF3 Mile Point: 0.04
Distance from RF3: 0.04
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .30
RECEIVING TRIBUTARY IS SINEPUXENT BAY AT HEAD OF NORTH CANAL

Parameter Inventory for Station: ASIS0255

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0256

NPS Station ID: ASIS0256
LAT/LON: 38.295642/ -75.124310
Agency: 21MDEXP
Date Created: 10/11/80
Location: NEAR FL 5M "11"
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN7825
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 2.580
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010091600.00
RF3 Mile Point: 0.52
Distance from RF3: 0.06
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 3.30
RECEIVING TRIBUTARY IS ATLANTIC OCEAN NEAR FL 5M "11"

Parameter Inventory for Station: ASIS0256

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0257

NPS Station ID: ASIS0257 LAT/LON: 38.296337/ -75.131976 Agency: 21MDEXP Date Created: 10/11/80
Location: 0.2 MILES UPSTREAM FROM MOUTH OF BAT CREEK FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): BXT0002
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 2.870 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010090700.00 RF3 Mile Point: 5.07 Distance from RF3: 0.01 On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE BAT CREEK RIVER MILE IS .20
RECEIVING TRIBUTARY IS SINEPUXENT BAY 0.2 MILES UPSTREAM FROM MOUTH OF BAT CREEK

Parameter Inventory for Station: ASIS0257

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0258

NPS Station ID: ASIS0258
LAT/LON: 38.296587/ -75.114892
Agency: 21MDEXP
Date Created: 10/11/80
Location: 500 YDS SE OF R "10"
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN7831
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 2.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010091800.00
RF3 Mile Point: 3.25
Distance from RF3: 0.04
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 3.18
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 500 YDS SE OF R "10"

Parameter Inventory for Station: ASIS0258

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0259

NPS Station ID: ASIS0259
LAT/LON: 38.296949/ -75.109170
Agency: 1113VABD
Date Created: / /
Location: IPTION IMPOSSIBLE
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 009
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION DESCR
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 1.940
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010094000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0259

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0260

NPS Station ID: ASIS0260
LAT/LON: 38.298338/ -75.114170
Agency: 1113VABD
Date Created: / /
Location: IONS IMPOSSIBLE
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 008
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION LOCAT
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 2.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001601.19
RF3 Mile Point: 14.16
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0260

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0261

NPS Station ID: ASIS0261
LAT/LON: 38.299615/ -75.114115
Agency: 21MDEXP
Date Created: 10/11/80
Location: 300 YDS SE OF FL R 4M "8"
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN8032
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 1.940
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143236.43
RF3 Mile Point: 45.71
Distance from RF3: 0.04
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 2.80
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 300 YDS SE OF FL R 4M "8"

Parameter Inventory for Station: ASIS0261

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0262

NPS Station ID: ASIS0262 LAT/LON: 38.299726/ -75.106948 Agency: 11121SWQ Date Created: / /
Location: E SHORE IN TIDAL FLAT FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): ASSATEAGUE-09
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 1 Aquifer:
Major Basin: MIDDLE ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 1.940 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010093400.00 RF3 Mile Point: 0.30 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0262

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	1	106.	106.	106.	106.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	1	60.	60.	60.	60.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.001	0.001	0.003	0.	0.	0.002	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.233	0.233	0.46	0.005	0.104	0.322	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2	0.325	0.325	0.65	0.	0.211	0.46	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.001	0.001	0.003	0.	0.	0.002	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0262

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	1	1.00				1	1	1.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	2	0	0.00	1	0	0.00	1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	2	0	0.00	1	0	0.00	1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	2	0	0.00	1	0	0.00	1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ASIS0262

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	2	1	0.50	1	0	0.00	1	1	1.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	2	0	0.00	1	0	0.00	1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	2	0	0.00	1	0	0.00	1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0263

NPS Station ID: ASIS0263
LAT/LON: 38.299726/ -75.119171
Agency: 1113VABD
Date Created: / /
Location: IPTIONS IMPOSSIBLE
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 007
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION DESCR
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 2.180
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010093400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0264

NPS Station ID: ASIS0264
LAT/LON: 38.300115/ -75.078199
Agency: 21MDEXP
Date Created: 10/11/80
Location: 1.5 MI SSW OF FL R BELL "2" 38 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN8153
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 02060010143236.43
RF3 Mile Point: 45.89
Distance from RF3: 0.14
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN
ATLANTIC OCEAN
RIVER MILE IS .00
RECEIVING TRIBUTARY IS
1.5 MI SSW OF FL R BELL "2" 38 FT DEPTH

Parameter Inventory for Station: ASIS0264

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0265

NPS Station ID: ASIS0265 LAT/LON: 38.300281/ -75.111115 Agency: 11121SWQ Date Created: / /
Location: WEST SHORE OF ISLAND FACING BAY FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SINEPUXENT-08
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 1 Aquifer:
Major Basin: MIDDLE ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 1.940 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010091800.00 RF3 Mile Point: 4.41 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	1	80.	80.	80.	80.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2	0.225	0.225	0.45	0.	0.101	0.318	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2	0.455	0.455	0.91	0.	0.414	0.643	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.001	0.001	0.003	0.	0.	0.002	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0265

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	1	1.00				1	1	1.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	2	0	0.00	1	0	0.00	1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	2	0	0.00	1	0	0.00	1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	2	0	0.00	1	0	0.00	1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ASIS0265

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	2	1	0.50	1	0	0.00	1	1	1.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	2	0	0.00	1	0	0.00	1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	2	0	0.00	1	0	0.00	1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0266

NPS Station ID: ASIS0266
LAT/LON: 38.300476/ -75.116531
Agency: 21MDEXP
Date Created: 10/11/80
Location: IN CHANNEL OFF COFFINS PT, FL8
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN8131
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 2.180
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010000700.00
RF3 Mile Point: 7.12
Distance from RF3: 1.45
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 2.60
RECEIVING TRIBUTARY IS ATLANTIC OCEAN IN CHANNEL OFF COFFINS PT, FL8

Parameter Inventory for Station: ASIS0266

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0267

NPS Station ID: ASIS0267 LAT/LON: 38.301948/ -75.116115 Agency: 11121SWQ Date Created: / /
Location: NE OF COFFINS PT AT MARKER 8 FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SINEPUXENT-07
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 1 Aquifer:
Major Basin: MIDDLE ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 1.940 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010093300.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-06/16/71	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1	2.45	2.45	2.45	2.45	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-06/16/71	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0267

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	1	0	0.00				1	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	1	0	0.00				1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	1	0	0.00				1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	1	0	0.00				1	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	1	1	1.00				1	1	1.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	1	0	0.00				1	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0268

NPS Station ID: ASIS0268 LAT/LON: 38.308838/ -75.074476 Agency: 21MDEXP Date Created: 10/11/80
Location: LAT 38DEG 18MIN 33SEC LONG 075DEG 04MIN 26SEC AP FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): XCN8655
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 17.50 On/Off RF1:
RF3 Index: 02060010143235.89 RF3 Mile Point: 36.84 Distance from RF3: 1.55 On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS LAT 38DEG 18MIN 33SEC LONG 075DEG 04MIN 26SEC APROX. 38FT DEPTH

Parameter Inventory for Station: ASIS0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0269

NPS Station ID: ASIS0269 LAT/LON: 38.310281/ -75.102782 Agency: 11121SWQ Date Created: / /
Location: E SHORE IN TIDAL FLAT FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): ASSATEAGUE-06
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 1 Aquifer:
Major Basin: MIDDLE ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 1.240 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143235.89 RF3 Mile Point: 37.87 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0269

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	1	40.	40.	40.	40.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.001	0.001	0.003	0.	0.	0.002	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0269

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	1	1.00				1	1	1.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	2	0	0.00	1	0	0.00	1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	2	0	0.00	1	0	0.00	1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	2	0	0.00	1	0	0.00	1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ASIS0269

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	2	0	0.00	1	0	0.00	1	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	2	0	0.00	1	0	0.00	1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	2	0	0.00	1	0	0.00	1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0270

NPS Station ID: ASIS0270
LAT/LON: 38.310559/ -75.104448
Agency: 1113VABD
Date Created: / /
Location: IPTION IMPOSSIBLE.
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 006
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION DESCR
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 1.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143235.89
RF3 Mile Point: 37.71
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0270

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0271

NPS Station ID: ASIS0271
LAT/LON: 38.311503/ -75.068837
Agency: 21MDEXP
Date Created: 10/11/80
Location: .75 MI SOUTH OF FL R BELL "2" 38 FTDPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN8759
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010007
RF1 Mile Point: 10.220
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143235.89
RF3 Mile Point: 36.05
Distance from RF3: 0.04
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN
ATLANTIC OCEAN
RIVER MILE IS .00
RECEIVING TRIBUTARY IS
.75 MI SOUTH OF FL R BELL "2" 38 FTDPTH

Parameter Inventory for Station: ASIS0271

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0272

NPS Station ID: ASIS0272
LAT/LON: 38.311587/ -75.108226
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT R "6"
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN8735
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 1.130
Distance from RF1: 13.40
On/Off RF1: ON
RF3 Index: 02060010143235.89
RF3 Mile Point: 36.52
Distance from RF3: 1.21
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE RECEIVING TRIBUTARY IS ATLANTIC OCEAN
SINEPUXENT BAY AT R "6"
RIVER MILE IS 1.95

Parameter Inventory for Station: ASIS0272

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0273

NPS Station ID: ASIS0273 LAT/LON: 38.311948/ -75.063949 Agency: 21MDEXP Date Created: 10/11/80
Location: LAT 38DEG 18MIN 44SEC LONG 075DEG 03MIN 58SEC AP FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): XCN8060
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010007 RF1 Mile Point: 10.220 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143235.89 RF3 Mile Point: 36.38 Distance from RF3: 0.00 On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS LAT 38DEG 18MIN 44SEC LONG 075DEG 03MIN 58SEC APROX 38FT DEPTH

Parameter Inventory for Station: ASIS0273

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0274

NPS Station ID: ASIS0274
LAT/LON: 38.311948/ -75.106393
Agency: 11121SWQ
Date Created: / /
Location: W SHORE FACING SAND PILE
FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): SINEPUXENT-05
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 1
Aquifer:
Major Basin: MIDDLE ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 1.130
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010091800.00
RF3 Mile Point: 0.44
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.001	0.001	0.003	0.	0.	0.002	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0274

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	1	1.00				1	1	1.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	2	0	0.00	1	0	0.00	1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	2	0	0.00	1	0	0.00	1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	2	0	0.00	1	0	0.00	1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ASIS0274

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	2	0	0.00	1	0	0.00	1	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	2	0	0.00	1	0	0.00	1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	2	0	0.00	1	0	0.00	1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0275

NPS Station ID: ASIS0275
LAT/LON: 38.312226/ -75.106948
Agency: 1113VABD
Date Created: / /
Location: IPTION IMPOSSIBLE.
FIPS State/County: 24097 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION DESCR
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 1.130
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010129400.00
RF3 Mile Point: 3.00
Distance from RF3: 0.64
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0275

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0276

NPS Station ID: ASIS0276 LAT/LON: 38.313059/ -75.110559 Agency: 11121SWQ Date Created: / /
Location: MIDWAY OF BOUYS 2 AND 3 FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SINEPUXENT-04
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 1 Aquifer:
Major Basin: MIDDLE ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST ECO Region:
RF1 Index: 02060010017 RF1 Mile Point: 1.130 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143235.89 RF3 Mile Point: 37.68 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/17/71-06/17/71	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/17/71-06/17/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/17/71-06/17/71	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/17/71-06/17/71	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/17/71-06/17/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/17/71-06/17/71	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/17/71-06/17/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/17/71-06/17/71	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/17/71-06/17/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/17/71-06/17/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/17/71-06/17/71	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/17/71-06/17/71	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/17/71-06/17/71	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/17/71-06/17/71	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0276

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	1	0	0.00				1	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	1	0	0.00				1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	1	0	0.00				1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	1	0	0.00				1	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	1	1	1.00				1	1	1.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	1	0	0.00				1	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0277

NPS Station ID: ASIS0277
LAT/LON: 38.313892/ -75.111392
Agency: 1113VABD
Date Created: / /
Location: IPTION IMPOSSIBLE.
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION DESCR
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 1.030
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143236.43
RF3 Mile Point: 40.45
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0277

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0278

NPS Station ID: ASIS0278 LAT/LON: 38.320003/ -75.106948 Agency: 11NPSWRD Date Created: 07/01/95
Location: SINEPUXENT BAY @ OUTLET OF FISH HARBOR FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_SB1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
SINEPUXENT BAY AT OUTLET OF COMMERCIAL FISH HARBOR TO MONITOR THE IMPACT OF HARBOR/MARINA EXPANSION.
SAMPLE UP CURRENT FROM MARKER AND BOATS. AVOID ANCHORING IN THE MIDDLE OF THE CHANNEL. RED SINEPUXENT CHANNEL MARKER 2.
STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND

Parameter Inventory for Station: ASIS0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/87-10/21/94	60	20.6	19.83	27.8	7.3	22.058	4.697	13.02	17.25	23.875	24.67
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/30/87-10/22/90	41	23.	22.771	35.	11.	29.073	5.392	13.36	20.	25.5	29.8
00035	WIND VELOCITY (MILES PER HOUR)	06/30/87-10/22/90	41	8.	8.293	15.	0.	13.312	3.649	5.	5.	11.	14.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/87-10/22/90	28	0.8	0.854	1.5	0.3	0.092	0.303	0.5	0.7	1.	1.41
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/30/87-10/21/94	56	46550.	46644.643	51800.	38200.	4062879.87	2015.659	44200.	45500.	48075.	48630.
00300	OXYGEN, DISSOLVED MG/L	06/30/87-10/21/94	60	7.3	7.398	10.8	5.2	1.264	1.124	6.11	6.625	8.175	8.8
00406	PH, FIELD, STANDARD UNITS SU	06/30/87-10/21/94	60	7.8	7.792	8.2	6.8	0.05	0.223	7.591	7.745	7.9	8.
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/87-10/21/94	60	7.8	7.707	8.2	6.8	0.057	0.238	7.591	7.745	7.9	8.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/87-10/21/94	60	0.016	0.02	0.158	0.006	0.	0.021	0.01	0.013	0.018	0.026
00480	SALINITY - PARTS PER THOUSAND	06/30/87-10/21/94	59	30.6	30.42	34.1	24.2	2.203	1.484	28.6	29.5	31.4	32.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	46	36.	40.783	108.	7.	571.729	23.911	12.1	23.75	56.	75.7
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-08/10/94	38	0.34	0.377	1.15	0.16	0.037	0.192	0.17	0.255	0.453	0.584
00602	NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/22/90	25	0.24	0.273	0.95	0.07	0.034	0.184	0.106	0.175	0.29	0.55
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	40	0.029	0.038	0.154	0.003	0.001	0.035	0.007	0.016	0.047	0.079
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/30/87-10/20/87	5	0.001	0.002	0.007	0.	0.	0.003	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	42	0.006	0.013	0.1	0.	0.001	0.022	0.	0.001	0.013	0.037
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-08/10/94	38	0.057	0.059	0.134	0.027	0.001	0.026	0.029	0.04	0.066	0.104
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/30/87-10/22/90	25	0.031	0.033	0.054	0.016	0.	0.01	0.021	0.025	0.04	0.047
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	42	0.011	0.013	0.033	0.002	0.	0.008	0.005	0.007	0.02	0.027
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/91-09/15/94	16	0.35	0.733	3.5	0.004	0.973	0.986	0.036	0.093	0.9	2.87
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	30	5.	9.967	79.	1.	228.654	15.121	1.	1.	16.	16.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	06/30/87-10/22/90	30	0.699	0.658	1.898	0.	0.317	0.563	0.	0.	1.204	1.204
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.553								
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	37	0.005	0.006	0.017	0.001	0.	0.003	0.003	0.004	0.006	0.01
32231	CHLOROPHYLL B (MG/L)	08/14/91-09/15/94	11	0.	0.	0.002	0.	0.	0.001	0.	0.	0.001	0.002
32232	CHLOROPHYLL C (MG/L)	08/14/91-09/15/94	15	0.001	0.001	0.005	0.	0.	0.001	0.	0.001	0.002	0.003
82371	RAINFALL IN 3 DAYS INCLUSVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	41	0.59	0.582	1.71	0.	0.329	0.573	0.	0.	1.325	1.4
82553	RAINFALL IN 1 DAY INCLUSIVE PRIOR TO SAMPLE INCHES	06/30/87-10/22/90	41	0.	0.103	1.53	0.	0.075	0.274	0.	0.	0.01	0.35
82903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE METERS	05/09/88-10/22/90	31	3.	2.952	4.3	1.2	0.569	0.754	2.	2.3	3.5	4.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0278

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	60	0	0.00	6	0	0.00	25	0	0.00	29	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	60	0	0.00	6	0	0.00	25	0	0.00	29	0	0.00			
		Other-Lo Lim.	6.5	60	0	0.00	6	0	0.00	25	0	0.00	29	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	30	0	0.00	4	0	0.00	10	0	0.00	16	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	5	34.	39.4	56.	25.	189.8	13.777	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-08/10/94	4	0.455	0.46	0.57	0.36	0.007	0.086	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	5	0.037	0.044	0.064	0.027	0.	0.016	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	5	0.02	0.046	0.1	0.01	0.002	0.041	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-08/10/94	4	0.09	0.091	0.125	0.059	0.001	0.03	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	5	0.021	0.022	0.029	0.014	0.	0.006	**	**	**	**
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	4	0.006	0.006	0.006	0.005	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 box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	17	42.	43.	108.	7.	681.	26.096	8.6	20.5	61.5	77.6
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-08/10/94	15	0.26	0.305	0.74	0.16	0.024	0.154	0.166	0.2	0.39	0.572
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	13	0.024	0.026	0.047	0.006	0.	0.012	0.008	0.017	0.034	0.045
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	15	0.004	0.011	0.08	0.	0.	0.021	0.	0.001	0.008	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-08/10/94	15	0.044	0.048	0.104	0.027	0.	0.02	0.027	0.031	0.059	0.081
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	15	0.005	0.006	0.013	0.002	0.	0.003	0.003	0.005	0.008	0.011
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	14	0.005	0.006	0.017	0.001	0.	0.004	0.001	0.003	0.008	0.014

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/87-09/15/94	24	34.5	39.5	98.	9.	606.087	24.619	11.5	20.75	44.75	90.5
00600	NITROGEN, TOTAL (MG/L AS N)	06/30/87-08/10/94	19	0.36	0.415	1.15	0.16	0.049	0.221	0.19	0.29	0.5	0.71
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/30/87-09/15/94	22	0.029	0.045	0.154	0.003	0.002	0.045	0.003	0.012	0.072	0.132
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/87-09/15/94	22	0.005	0.008	0.04	0.	0.	0.009	0.	0.001	0.01	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/87-08/10/94	19	0.061	0.061	0.134	0.029	0.001	0.024	0.037	0.047	0.067	0.088
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/87-09/15/94	22	0.013	0.016	0.033	0.007	0.	0.007	0.007	0.01	0.022	0.028
32230	CHLOROPHYLL A (MG/L)	05/09/88-09/15/94	19	0.005	0.006	0.015	0.003	0.	0.003	0.003	0.004	0.006	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0279

NPS Station ID: ASIS0279 LAT/LON: 38.321198/ -75.058448 Agency: 21MDEXP Date Created: 10/11/80
Location: LAT. 38DEG 19MIN 13SEC LONG. 075DEG 03MIN 32SEC FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): XCN9364
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010007 RF1 Mile Point: 9.970 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010000700.00 RF3 Mile Point: 13.34 Distance from RF3: 1.08 On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS LAT. 38DEG 19MIN 13SEC LONG. 075DEG 03MIN 32SEC APROX 40FT DEPTH

Parameter Inventory for Station: ASIS0279

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0280

NPS Station ID: ASIS0280 LAT/LON: 38.321337/ -75.066116 Agency: 21MDEXP Date Created: 10/11/80
Location: LAT.38DEG 19MIN 13SEC LONG 075DEG 04MIN 07SEC AP FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): XCN9359
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010007 RF1 Mile Point: 9.970 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010093300.00 RF3 Mile Point: 0.00 Distance from RF3: 0.01 On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS LAT.38DEG 19MIN 13SEC LONG 075DEG 04MIN 07SEC APROX. 36FT DEPTH

Parameter Inventory for Station: ASIS0280

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0281

NPS Station ID: ASIS0281
LAT/LON: 38.321366/ -75.100976
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT C "3" 8 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN9339
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010017
RF1 Mile Point: 0.140
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010000700.00
RF3 Mile Point: 7.12
Distance from RF3: 1.28
On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS 1.08
RECEIVING TRIBUTARY IS ATLANTIC OCEAN AT C "3" 8 FT DPTH

Parameter Inventory for Station: ASIS0281

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0282

NPS Station ID: ASIS0282
LAT/LON: 38.321726/ -75.057059
Agency: 21MDEXP
Date Created: 10/11/80
Location: .6 MI EAST OF FL R BELL "2" 42 FT DEPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN9366
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010007
RF1 Mile Point: 9.970
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010000700.00
RF3 Mile Point: 7.12
Distance from RF3: 1.49
On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS .6 MI EAST OF FL R BELL "2" 42 FT DEPTH

Parameter Inventory for Station: ASIS0282

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0283

NPS Station ID: ASIS0283 LAT/LON: 38.322781/ -75.093893 Agency: 11121SWQ Date Created: / /
Location: EAST SHORE OF ISLAND AT SEAWALL FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): ASSATEAGUE-03
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010 Depth of Water: 1 Aquifer:
Major Basin: MIDDLE ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST ECO Region:
RF1 Index: 02060010021 RF1 Mile Point: 71.580 Distance from RF1: 1.90 On/Off RF1: ON
RF3 Index: 02060010000700.00 RF3 Mile Point: 5.13 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.033	0.033	0.06	0.005	0.002	0.039	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.001	0.001	0.003	0.	0.	0.002	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0283

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	2	0	0.00	1	0	0.00	1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	2	0	0.00	1	0	0.00	1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	2	0	0.00	1	0	0.00	1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ASIS0283

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	2	0	0.00	1	0	0.00	1	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	2	0	0.00	1	0	0.00	1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	2	0	0.00	1	0	0.00	1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0284

NPS Station ID: ASIS0284
LAT/LON: 38.323337/ -75.095003
Agency: 11EPAMW
Date Created: 07/28/78
Location: ASSATEAGUE MARYLAND
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 2300 /A
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: ATLANTIC OCEAN
Elevation: 0
Water Body Id:
Minor Basin: ATLANTIC OCEAN
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 3.930
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010000700.00
RF3 Mile Point: 6.32
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	11/06/76-11/06/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/06/76-11/06/76	1	68.	68.	68.	68.	0.	0.	**	**	**	**
81628	NICKEL IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/06/76-11/06/76	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/06/76-11/06/76	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/06/76-11/06/76	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
81635	SILVER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/06/76-11/06/76	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	11/06/76-11/06/76	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

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ASIS0285

NPS Station ID: ASIS0285 LAT/LON: 38.323559/ -75.100587 Agency: 21MDEXP Date Created: 10/11/80
Location: EAST SIDE OF N2, 500YDS BELOW COMMERCIAL HARBOR FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCN9539
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010016 RF1 Mile Point: 8.100 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010000700.00 RF3 Mile Point: 7.07 Distance from RF3: 1.56 On/Off RF3:
Description:
02-13-01-04 SINEPUXENT BAY DRAINAGE SINEPUXENT BAY RIVER MILE IS .80
RECEIVING TRIBUTARY IS ATLANTIC OCEAN EAST SIDE OF N2, 500YDS BELOW COMMERCIAL HARBOR ENTRANCE

Parameter Inventory for Station: ASIS0285

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0286

NPS Station ID: ASIS0286
LAT/LON: 38.324449/ -75.095838
Agency: 1113VABD
Date Created: / /
Location: IPTION IMPOSSIBLE
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION DESCR
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 7.960
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010143235.89
RF3 Mile Point: 37.66
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0286

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0287

NPS Station ID: ASIS0287
LAT/LON: 38.325004/ -75.100560
Agency: 1113VABD
Date Created: / /
Location: IPTION IMPOSSIBLE
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION DESCR
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 8.100
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001601.19
RF3 Mile Point: 12.67
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0287

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0288

NPS Station ID: ASIS0288 LAT/LON: 38.325559/ -75.097226 Agency: 11121SWQ Date Created: / /
Location: WEST SHORE OF ISLAND FACING BAY FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SINEPUXENT-02
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 1 Aquifer:
Major Basin: MIDDLE ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST ECO Region:
RF1 Index: 02060010016 RF1 Mile Point: 7.960 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143235.89 RF3 Mile Point: 37.67 Distance from RF3: 0.09 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0288

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/16/71-06/16/71	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/16/71-06/16/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/16/71-06/16/71	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/16/71-06/16/71	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/16/71-06/16/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/16/71-06/16/71	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/16/71-06/16/71	1	60.	60.	60.	60.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-10/20/71	2 ##	0.001	0.001	0.003	0.	0.	0.002	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0288

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	1	1.00				1	1	1.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	2	0	0.00	1	0	0.00	1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	2	0	0.00	1	0	0.00	1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	2	0	0.00	1	0	0.00	1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ASIS0288

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	2	0	0.00	1	0	0.00	1	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	2	0	0.00	1	0	0.00	1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	2	0	0.00	1	0	0.00	1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0289

NPS Station ID: ASIS0289
LAT/LON: 38.325837/ -75.102782
Agency: 1113VABD
Date Created: / /
Location: IPTIONS NOT POSSIBLE
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): ASS 001 /ASSATEAGUEIS/LAND
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: STATION DESCR
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 8.100
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010092300.00
RF3 Mile Point: 6.38
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0289

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0290

NPS Station ID: ASIS0290 LAT/LON: 38.326115/ -75.100003 Agency: 11121SWQ Date Created: / /
Location: BOAT CHANNEL BOUY 1 FIPS State/County: 24000 MARYLAND/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): SINEPUXENT-01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 1 Aquifer:
Major Basin: MIDDLE ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY MD DELVA COAST ECO Region:
RF1 Index: 02060010016 RF1 Mile Point: 8.100 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010092300.00 RF3 Mile Point: 4.77 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00916	CALCIUM, TOTAL (MG/L AS CA)	06/17/71-06/17/71	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/17/71-06/17/71	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/17/71-06/17/71	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/17/71-06/17/71	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/17/71-06/17/71	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/17/71-06/17/71	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/17/71-06/17/71	1	50.	50.	50.	50.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/20/71-10/20/71	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/17/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	2 ##	0.043	0.043	0.08	0.005	0.003	0.053	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	2 ##	0.148	0.148	0.29	0.005	0.041	0.202	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/17/71-10/20/71	2 ##	0.001	0.001	0.003	0.	0.	0.002	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/20/71-10/20/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0290

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00				1	1	1.00						
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	2	0	0.00	1	0	0.00	1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	2	0	0.00	1	0	0.00	1	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	2	0	0.00	1	0	0.00	1	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ASIS0290

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	1 &	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	2	0	0.00	1	0	0.00	1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	2	0	0.00	1	0	0.00	1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0291

NPS Station ID: ASIS0291 LAT/LON: 38.327226/ -75.104171 Agency: 11NPSWRD Date Created: 07/01/95
Location: WEST OCEAN CITY INLET FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): ASIS_SB5
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY & MD-DEL COASTAL ECO Region:
RF1 Index: 02060010 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 02060010107000.00 RF3 Mile Point: 0.46 Distance from RF3: 0.10 On/Off RF3:
Description:
SINEPUXENT BAY AT WEST OCEAN CITY INLET. SAMPLE 20 TO 30 FEET IN FRONT OF THE MD STATE POLICE BOAT DOCK.
DO NOT ANCHOR IN THE MIDDLE OF THE HARBOR AND DO NOT BLOCK BOAT TRAFFIC.
STATION MAINTAINED BY RESOURCE MANAGEMENT STAFF AT ASSATEAGUE ISLAND

Parameter Inventory for Station: ASIS0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/91-10/21/94	23	20.6	19.096	26.7	10.	27.937	5.286	10.94	13.5	24.	25.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/91-10/21/94	19	47700.	46710.526	49500.	38500.	8047660.819	2836.84	41400.	45400.	48500.	49200.
00300	OXYGEN, DISSOLVED MG/L	04/29/91-10/21/94	23	7.2	7.117	10.3	4.8	2.077	1.441	5.2	6.1	8.2	9.26
00406	PH, FIELD, STANDARD UNITS SU	04/29/91-10/21/94	22	7.78	7.805	8.45	7.59	0.032	0.178	7.609	7.7	7.855	7.989
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/29/91-10/21/94	22	7.78	7.778	8.45	7.59	0.032	0.18	7.609	7.7	7.855	7.989
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/29/91-10/21/94	22	0.017	0.017	0.026	0.004	0.	0.005	0.01	0.014	0.02	0.025
00480	SALINITY - PARTS PER THOUSAND	04/29/91-10/21/94	23	31.2	30.704	32.4	24.7	3.691	1.921	27.28	30.9	31.8	32.32
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/30/91-09/15/94	19	16.	20.263	66.	5.	214.316	14.64	9.	12.	23.	48.
00600	NITROGEN, TOTAL (MG/L AS N)	04/29/91-08/10/94	19	0.4	0.401	0.71	0.16	0.022	0.147	0.2	0.31	0.48	0.67
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/29/91-09/15/94	20	0.048	0.063	0.156	0.006	0.003	0.051	0.009	0.018	0.108	0.151
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/29/91-09/15/94	20	0.006	0.013	0.1	0.	0.001	0.024	0.001	0.002	0.01	0.056
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/91-08/10/94	19	0.059	0.063	0.158	0.034	0.001	0.029	0.038	0.043	0.069	0.099
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/29/91-09/15/94	20	0.011	0.016	0.058	0.004	0.	0.012	0.006	0.008	0.022	0.029
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/91-09/15/94	20	0.8	0.999	3.1	0.01	0.795	0.892	0.064	0.2	1.625	2.55
32230	CHLOROPHYLL A (MG/L)	04/29/91-09/15/94	20	0.006	0.007	0.025	0.001	0.	0.006	0.002	0.003	0.009	0.016
32231	CHLOROPHYLL B (MG/L)	06/19/91-09/15/94	15	0.001	0.001	0.004	0.	0.	0.001	0.	0.	0.001	0.004
32232	CHLOROPHYLL C (MG/L)	04/29/91-09/15/94	18	0.001	0.001	0.007	0.	0.	0.002	0.	0.001	0.002	0.004

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0291

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	23	0	0.00	2	0	0.00	12	0	0.00	9	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	22	0	0.00	2	0	0.00	11	0	0.00	9	0	0.00			
		Other-Lo Lim.	6.5	22	0	0.00	2	0	0.00	11	0	0.00	9	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0292

NPS Station ID: ASIS0292
LAT/LON: 38.328088/ -75.092781
Agency: 21MDEXP
Date Created: 10/11/80
Location: 150 YDS NNW OF FL R "2A" 8 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XCN9744
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010008
RF1 Mile Point: 0.340
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001601.19
RF3 Mile Point: 12.73
Distance from RF3: 0.12
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT BAY RIVER MILE IS .07
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 150 YDS NNW OF FL R "2A" 8 FT DPTH

Parameter Inventory for Station: ASIS0292

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0293

NPS Station ID: ASIS0293 LAT/LON: 38.332503/ -75.093032 Agency: 21MD Date Created: 10/06/79
Location: ROUTE 50 BRIDGE FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XCN9944
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY - MD-DEL COASTAL ECO Region:
RF1 Index: 02060010008 RF1 Mile Point: 0.740 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010143240.66 RF3 Mile Point: 73.06 Distance from RF3: 0.06 On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN ROUTE 50 BRIDGE

Parameter Inventory for Station: ASIS0293

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/08/69-10/02/78	44	18.25	15.72	26.5	2.	54.592	7.389	4.75	8.125	21.875	24.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/08/69-10/02/78	43	8.	8.6	28.	2.	27.017	5.198	2.76	5.	11.	15.2
00300	OXYGEN, DISSOLVED MG/L	10/08/69-10/02/78	45	8.1	8.458	15.3	4.7	4.619	2.149	5.86	7.	9.6	10.96
00340	COD, .25N K2CR2O7 MG/L	03/26/74-06/09/75	13	15.	24.231	78.	1.	643.526	25.368	1.	3.	48.5	68.
00400	PH (STANDARD UNITS)	10/08/69-10/02/78	24	8.	7.983	8.4	6.9	0.111	0.333	7.45	7.9	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/08/69-10/02/78	24	8.	7.794	8.4	6.9	0.148	0.385	7.45	7.9	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/08/69-10/02/78	24	0.01	0.016	0.126	0.004	0.001	0.025	0.005	0.006	0.013	0.038
00403	PH, LAB, STANDARD UNITS SU	03/26/74-10/02/78	41	7.9	7.839	8.3	6.5	0.116	0.341	7.34	7.7	8.1	8.18
00403	CONVERTED PH, LAB, STANDARD UNITS	03/26/74-10/02/78	41	7.9	7.621	8.3	6.5	0.165	0.406	7.34	7.7	8.1	8.18
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/74-10/02/78	41	0.013	0.024	0.316	0.005	0.002	0.049	0.007	0.008	0.02	0.046
00480	SALINITY - PARTS PER THOUSAND	10/08/69-10/02/78	45	29.	28.449	39.	16.	16.452	4.056	23.1	26.5	30.25	32.82
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-10/02/78	41	32.	38.463	242.	6.	1497.605	38.699	15.2	20.	42.5	55.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/70-10/02/78	41	0.08	0.221	1.13	0.005	0.082	0.287	0.022	0.045	0.225	0.688
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/14/70-10/02/78	41	0.003	0.005	0.027	0.001	0.	0.006	0.001	0.002	0.004	0.016
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/14/70-10/02/78	40	0.03	0.089	2.28	0.01	0.127	0.356	0.015	0.02	0.04	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/73-10/02/78	39	0.56	0.735	2.	0.1	0.263	0.513	0.2	0.32	1.15	1.61
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/14/70-10/02/78	44	0.07	0.108	1.07	0.005	0.03	0.174	0.03	0.05	0.09	0.18
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/17/73-10/02/78	37	9.	12.297	37.5	0.5	105.292	10.261	1.94	2.9	18.	27.2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	10/08/69-06/27/78	26	12.	69.25	930.	1.5	37752.965	194.301	1.5	3.	43.	194.1
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	10/08/69-06/27/78	26	1.065	1.125	2.968	0.176	0.506	0.711	0.176	0.477	1.633	2.168
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			13.326								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/08/69-06/27/78	26	5.	19.442	230.	1.5	2022.587	44.973	1.5	1.5	17.	43.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	10/08/69-06/27/78	26	0.661	0.805	2.362	0.176	0.361	0.601	0.176	0.176	1.223	1.633
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.376								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/26/78-06/26/78	1	2447.	2447.	2447.	2447.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0293

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	43	0	0.00	10	0	0.00	15	0	0.00	18	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	45	0	0.00	11	0	0.00	17	0	0.00	17	0	0.00			
00400	PH	Other-Hi Lim.	9.	24	0	0.00	5	0	0.00	9	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	24	0	0.00	5	0	0.00	9	0	0.00	10	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	41	0	0.00	11	0	0.00	17	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	41	1	0.02	11	0	0.00	17	1	0.06	13	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	26	0	0.00	7	0	0.00	8	0	0.00	11	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	26	1	0.04	7	0	0.00	8	0	0.00	11	1	0.09			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/15 to 3/15 - Station ASIS0293

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/08/69-10/02/78	11	8.	8.909	18.	3.	27.091	5.205	3.1	4.	14.	17.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/08/69-10/02/78	10	9.5	9.4	16.	4.	10.933	3.307	4.2	7.5	11.25	15.6
00300	OXYGEN, DISSOLVED MG/L	10/08/69-10/02/78	11	10.3	10.445	15.3	7.9	5.571	2.36	7.94	8.8	10.8	15.08
00400	PH (STANDARD UNITS)	10/08/69-10/02/78	5	8.	8.04	8.2	7.8	0.028	0.167	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/08/69-10/02/78	5	8.	8.014	8.2	7.8	0.029	0.17	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/08/69-10/02/78	5	0.01	0.01	0.016	0.006	0.	0.004	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	10/08/69-10/02/78	10	28.75	27.52	31.4	21.4	11.3	3.361	21.57	23.925	29.725	31.24
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-10/02/78	10	29.	28.1	43.	16.	82.322	9.073	16.2	18.	35.	42.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/70-10/02/78	11	0.16	0.325	1.13	0.03	0.128	0.358	0.032	0.07	0.58	1.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/14/70-10/02/78	11	0.003	0.004	0.012	0.001	0.	0.003	0.001	0.003	0.006	0.011
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/14/70-10/02/78	11	0.03	0.238	2.28	0.02	0.459	0.677	0.02	0.03	0.04	1.838
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/14/70-10/02/78	11	0.07	0.074	0.18	0.04	0.002	0.039	0.042	0.05	0.08	0.164

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 3/16 to 6/30 - Station ASIS0293

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/08/69-10/02/78	16	15.45	14.975	25.2	5.5	42.658	6.531	6.55	8.35	20.625	24.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/08/69-10/02/78	15	5.	5.787	12.	2.	8.123	2.85	2.36	3.	8.	10.8
00300	OXYGEN, DISSOLVED MG/L	10/08/69-10/02/78	17	8.2	8.441	11.4	4.7	3.623	1.903	5.1	7.45	10.	11.24
00400	PH (STANDARD UNITS)	10/08/69-10/02/78	9	8.1	8.056	8.2	7.8	0.02	0.142	7.8	7.95	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/08/69-10/02/78	9	8.1	8.034	8.2	7.8	0.021	0.144	7.8	7.95	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/08/69-10/02/78	9	0.008	0.009	0.016	0.006	0.	0.003	0.006	0.006	0.011	0.016
00480	SALINITY - PARTS PER THOUSAND	10/08/69-10/02/78	17	29.	27.418	30.3	16.	16.899	4.111	18.56	27.45	29.9	30.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-10/02/78	16	25.	38.813	242.	6.	3069.096	55.399	10.2	15.5	36.	104.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/70-10/02/78	13	0.07	0.18	1.1	0.005	0.082	0.286	0.023	0.05	0.2	0.744
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/14/70-10/02/78	13	0.002	0.003	0.014	0.001	0.	0.003	0.001	0.001	0.004	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/14/70-10/02/78	13	0.03	0.041	0.18	0.01	0.002	0.043	0.012	0.02	0.04	0.128
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/14/70-10/02/78	17	0.08	0.159	1.07	0.005	0.073	0.27	0.005	0.05	0.09	0.694

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 7/01 to 10/14 - Station ASIS0293

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/08/69-10/02/78	17	21.9	20.829	26.5	2.	29.607	5.441	15.2	19.5	23.05	26.34
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/08/69-10/02/78	18	10.	10.5	28.	2.	43.088	6.564	2.	6.75	13.25	19.9
00300	OXYGEN, DISSOLVED MG/L	10/08/69-10/02/78	17	7.	7.188	8.8	4.7	1.17	1.082	5.58	6.65	8.1	8.64
00400	PH (STANDARD UNITS)	10/08/69-10/02/78	10	8.	7.89	8.4	6.9	0.237	0.486	6.94	7.525	8.3	8.39
00400	CONVERTED PH (STANDARD UNITS)	10/08/69-10/02/78	10	8.	7.595	8.4	6.9	0.333	0.577	6.94	7.525	8.3	8.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/08/69-10/02/78	10	0.01	0.025	0.126	0.004	0.001	0.038	0.004	0.005	0.031	0.118
00480	SALINITY - PARTS PER THOUSAND	10/08/69-10/02/78	18	30.	29.939	39.	24.3	16.772	4.095	24.66	26.45	32.325	35.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/08/69-10/02/78	15	40.	45.	138.	18.	815.	28.548	20.4	28.	54.	90.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/70-10/02/78	17	0.07	0.186	0.7	0.01	0.055	0.234	0.018	0.03	0.315	0.652
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/14/70-10/02/78	17	0.003	0.007	0.027	0.002	0.	0.008	0.002	0.002	0.012	0.021
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/14/70-10/02/78	16	0.02	0.025	0.05	0.01	0.	0.013	0.014	0.016	0.038	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/14/70-10/02/78	16	0.05	0.077	0.19	0.03	0.003	0.056	0.03	0.043	0.103	0.183

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ASIS0294

NPS Station ID: ASIS0294 LAT/LON: 38.333865/ -75.092977 Agency: 21MDEXP Date Created: 10/11/80
Location: 100YDS NORTH OF RTE 50 BRIDGE MID-CHANNEL FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XDN0146
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010008 RF1 Mile Point: 0.830 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001503.64 RF3 Mile Point: 3.64 Distance from RF3: 0.15 On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT RIVER MILE IS .60
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 100YDS NORTH OF RTE 50 BRIDGE MID-CHANNEL

Parameter Inventory for Station: ASIS0294

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0295

NPS Station ID: ASIS0295 LAT/LON: 38.338031/ -75.063227 Agency: 21MDEXP Date Created: 10/11/80
Location: LAT 38DEG 20MIN 12SEC LONG 075 DEG 03MIN 48SEC A FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): XDN0362
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010007 RF1 Mile Point: 8.930 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010151000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.09 On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS LAT 38DEG 20MIN 12SEC LONG 075 DEG 03MIN 48SEC APROX. 28FT DEPTH

Parameter Inventory for Station: ASIS0295

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0296

NPS Station ID: ASIS0296 LAT/LON: 38.339310/ -75.073671 Agency: 21MDEXP Date Created: 10/11/80
Location: LAT 38 DEG 20MIN 17SEC,LONG 075DEG 04MIN 26SEC,2 FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): XDN0455
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010008 RF1 Mile Point: 1.490 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010000700.00 RF3 Mile Point: 6.32 Distance from RF3: 0.27 On/Off RF3:
Description:
02-13-01-01 ATLANTIC OCEAN ATLANTIC OCEAN RIVER MILE IS .00
RECEIVING TRIBUTARY IS LAT 38 DEG 20MIN 17SEC,LONG 075DEG 04MIN 26SEC,22 FEET DEPTH

Parameter Inventory for Station: ASIS0296

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0297

NPS Station ID: ASIS0297 LAT/LON: 38.339421/ -75.130142 Agency: 21MDEXP Date Created: 10/11/80
Location: RTE 50 CROSSING HERRING CK DOWNSTREAM SIDE OF BR FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): HEC0012
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010016 RF1 Mile Point: 3.040 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010128300.21 RF3 Mile Point: 1.27 Distance from RF3: 0.10 On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE HERRING CREEK RIVER MILE IS 1.20
RECEIVING TRIBUTARY IS TURVILLE CK RTE 50 CROSSING HERRING CK DOWNSTREAM SIDE OF BRIDGE

Parameter Inventory for Station: ASIS0297

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0298

NPS Station ID: ASIS0298 LAT/LON: 38.340171/ -75.092116 Agency: 21MDEXP Date Created: 10/11/80
Location: 600 YDS WEST OF FL R 3M "2" 3 FT DEPTH 3 FT DPTH FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XDN0446
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010008 RF1 Mile Point: 1.290 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010000700.00 RF3 Mile Point: 12.95 Distance from RF3: 0.89 On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT BAY RIVER MILE IS .60
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 600 YDS WEST OF FL R 3M "2" 3 FT DEPTH 3 FT DPTH

Parameter Inventory for Station: ASIS0298

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0299

NPS Station ID: ASIS0299 LAT/LON: 38.346976/ -75.088809 Agency: 21MDEXP Date Created: 10/11/80
Location: DAY BEACON 3 WEST OF TANK NEAR MALLARD ISLAND FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XDN0848
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010008 RF1 Mile Point: 1.800 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010000700.00 RF3 Mile Point: 15.09 Distance from RF3: 0.35 On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT RIVER MILE IS 1.00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN DAY BEACON 3 WEST OF TANK NEAR MALLARD ISLAND

Parameter Inventory for Station: ASIS0299

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0300

NPS Station ID: ASIS0300 LAT/LON: 38.346976/ -75.088809 Agency: 21MDEXP Date Created: 10/11/80
Location: DAY BEACON 3 WEST OF TANK NEAR MALLARD ISLAND FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XON0848
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010008 RF1 Mile Point: 1.800 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010000900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.01 On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT BAY RIVER MILE IS 1.60
RECEIVING TRIBUTARY IS ATLANTIC OCEAN DAY BEACON 3 WEST OF TANK NEAR MALLARD ISLAND

Parameter Inventory for Station: ASIS0300

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0301

NPS Station ID: ASIS0301
LAT/LON: 38.347560/ -75.090171
Agency: 21MDEXP
Date Created: 10/11/80
Location: 600 YDS SSW OF R"4" 10 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XDN0946
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010008
RF1 Mile Point: 1.800
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010151000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT BAY RIVER MILE IS 1.44
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 600 YDS SSW OF R"4" 10 FT DPTH

Parameter Inventory for Station: ASIS0301

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0302

NPS Station ID: ASIS0302
LAT/LON: 38.352948/ -75.118282
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT INTERSECT OF RIGHT ANGLE IN SOUTH CANAL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UOB0003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 4.630
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001601.19
RF3 Mile Point: 2.16
Distance from RF3: 0.00
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .30
RECEIVING TRIBUTARY IS ISLE OF WIGHT BAY AT INTERSECT OF RIGHT ANGLE IN SOUTH CANAL

Parameter Inventory for Station: ASIS0302

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0303

NPS Station ID: ASIS0303
LAT/LON: 38.354531/ -75.114420
Agency: 21MDEXP
Date Created: 10/11/80
Location: MOUTH OF SOUTH CANAL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UOB0000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 4.840
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001601.19
RF3 Mile Point: 1.89
Distance from RF3: 0.27
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .00
RECEIVING TRIBUTARY IS ISLE OF WIGHT BAY MOUTH OF SOUTH CANAL

Parameter Inventory for Station: ASIS0303

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0304

NPS Station ID: ASIS0304
LAT/LON: 38.355726/ -75.119948
Agency: 21MDEXP
Date Created: 10/11/80
Location: END OF SOUTHERN CANAL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UOB0005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 4.490
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001601.19
RF3 Mile Point: 2.34
Distance from RF3: 0.23
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .50
RECEIVING TRIBUTARY IS ISLE OF WIGHT BAY END OF SOUTHERN CANAL

Parameter Inventory for Station: ASIS0304

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0305

NPS Station ID: ASIS0305
LAT/LON: 38.355809/ -75.125531
Agency: 21MDEXP
Date Created: 10/11/80
Location: AT INTERSECT OF RIGHT ANGLE IN CANAL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UOC0004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 3.180
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010128200.48
RF3 Mile Point: 1.85
Distance from RF3: 0.03
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .40
RECEIVING TRIBUTARY IS TURVILLE CREEK AT INTERSECT OF RIGHT ANGLE IN CANAL

Parameter Inventory for Station: ASIS0305

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0306

NPS Station ID: ASIS0306
LAT/LON: 38.356003/ -75.120643
Agency: 21MDEXP
Date Created: 10/11/80
Location: END OF CANAL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UOC0007
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 4.490
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010128300.21
RF3 Mile Point: 1.24
Distance from RF3: 0.26
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .70
RECEIVING TRIBUTARY IS TURVILLE CREEK END OF CANAL

Parameter Inventory for Station: ASIS0306

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0307

NPS Station ID: ASIS0307 LAT/LON: 38.356281/ -75.119948 Agency: 21MDEXP Date Created: 10/11/80
Location: END OF THIRD CANAL BRANCHING FROM NORTH CANAL 0. FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): UAF0001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010016 RF1 Mile Point: 4.490 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010090800.00 RF3 Mile Point: 2.24 Distance from RF3: 0.10 On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .10
RECEIVING TRIBUTARY IS ISLE OF WIGHT BAY END OF THIRD CANAL BRANCHING FROM NORTH CANAL 0.3 MILES FROM MOUTH

Parameter Inventory for Station: ASIS0307

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0308

NPS Station ID: ASIS0308
LAT/LON: 38.356281/ -75.119948
Agency: 21MDEXP
Date Created: 10/11/80
Location: END OF NORTH CANAL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UOA0006
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 4.490
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001601.19
RF3 Mile Point: 1.89
Distance from RF3: 0.21
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .60
RECEIVING TRIBUTARY IS ISLE OF WIGHT BAY END OF NORTH CANAL

Parameter Inventory for Station: ASIS0308

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0309

NPS Station ID: ASIS0309
LAT/LON: 38.358448/ -75.085366
Agency: 21MDEXP
Date Created: 10/11/80
Location: MAIN CHANNEL BUOY R6 OFF COLLIER IS
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XDN1647
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010008
RF1 Mile Point: 2.750
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001601.19
RF3 Mile Point: 3.06
Distance from RF3: 0.34
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT RIVER MILE IS 2.20
RECEIVING TRIBUTARY IS ATLANTIC OCEAN MAIN CHANNEL BUOY R6 OFF COLLIER IS

Parameter Inventory for Station: ASIS0309

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0310

NPS Station ID: ASIS0310
LAT/LON: 38.358671/ -75.115003
Agency: 21MDEXP
Date Created: 10/11/80
Location: MOUTH OF NORTH CANAL
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): UOA0000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 4.490
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010125400.00
RF3 Mile Point: 1.63
Distance from RF3: 0.09
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .00
RECEIVING TRIBUTARY IS ISLE OF WIGHT BAY MOUTH OF NORTH CANAL

Parameter Inventory for Station: ASIS0310

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0311

NPS Station ID: ASIS0311 LAT/LON: 38.358754/ -75.120920 Agency: 21MDEXP Date Created: 10/11/80
Location: AT INTERSECT OF RIGHT ANGLE IN NORTH CANAL FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): UOA0004
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010016 RF1 Mile Point: 4.340 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001601.19 RF3 Mile Point: 2.04 Distance from RF3: 0.06 On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE UNNAMED CANAL RIVER MILE IS .40
RECEIVING TRIBUTARY IS ISLE OF WIGHT BAY AT INTERSECT OF RIGHT ANGLE IN NORTH CANAL

Parameter Inventory for Station: ASIS0311

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0312

NPS Station ID: ASIS0312 LAT/LON: 38.361309/ -75.108309 Agency: 21MDEXP Date Created: 10/11/80
Location: 1000YDS ESE OF THE DITCH,1500YDS SEOF KEYSER PT FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XDN1635
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010016 RF1 Mile Point: 4.940 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010151000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.13 On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT RIVER MILE IS 3.10
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 1000YDS ESE OF THE DITCH,1500YDS SEOF KEYSER PT 5FT DEPTH

Parameter Inventory for Station: ASIS0312

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0313

NPS Station ID: ASIS0313
LAT/LON: 38.362366/ -75.121866
Agency: 21MDEXP
Date Created: 10/11/80
Location: TURVILLE CRK 0.6 MILES FROM MOUTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): TUV0006
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 3.570
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010001803.43
RF3 Mile Point: 3.43
Distance from RF3: 0.01
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE TURVILLE CREEK RIVER MILE IS .60
RECEIVING TRIBUTARY IS ISLE OF WIGHT BAY TURVILLE CRK 0.6 MILES FROM MOUTH

Parameter Inventory for Station: ASIS0313

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0314

NPS Station ID: ASIS0314
LAT/LON: 38.363587/ -75.097087
Agency: 21MDEXP
Date Created: 10/11/80
Location: 800 YDS SW OF FL 4M "7" 4 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XDN1842
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 5.830
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010000700.00
RF3 Mile Point: 7.13
Distance from RF3: 0.02
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT BAY RIVER MILE IS 2.66
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 800 YDS SW OF FL 4M "7" 4 FT DPTH

Parameter Inventory for Station: ASIS0314

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0315

NPS Station ID: ASIS0315
LAT/LON: 38.366088/ -75.080977
Agency: 21MDEXP
Date Created: 10/11/80
Location: 0.5 MILES NORTH OF COLLIERS ISLAND
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XDN1952
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010008
RF1 Mile Point: 3.450
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010128200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.10
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 0.5 MILES NORTH OF COLLIERS ISLAND

Parameter Inventory for Station: ASIS0315

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0316

NPS Station ID: ASIS0316
LAT/LON: 38.367309/ -75.105365
Agency: 21MDEXP
Date Created: 10/11/80
Location: 0.6 MILES EAST OF KEYSER POINT
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XDN2037
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010016
RF1 Mile Point: 3.930
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010000700.00
RF3 Mile Point: 8.99
Distance from RF3: 0.26
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT BAY RIVER MILE IS .00
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 0.6 MILES EAST OF KEYSER POINT

Parameter Inventory for Station: ASIS0316

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0317

NPS Station ID: ASIS0317
LAT/LON: 38.370004/ -75.068059
Agency: 112WRD
Date Created: 12/30/89
Location: ATLANTIC OC AT 44TH ST., OCEAN CITY, MD
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 382212075040501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 02060010000900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: ASIS0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/19/89-04/19/89	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/19/89-04/19/89	1	37400.	37400.	37400.	37400.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/19/89-04/19/89	1	7.17	7.17	7.17	7.17	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/19/89-04/19/89	1	7.17	7.17	7.17	7.17	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/19/89-04/19/89	1	0.068	0.068	0.068	0.068	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/19/89-04/19/89	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/19/89-04/19/89	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/19/89-04/19/89	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/19/89-04/19/89	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/19/89-04/19/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/19/89-04/19/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/19/89-04/19/89	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/19/89-04/19/89	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/19/89-04/19/89	1	8400.	8400.	8400.	8400.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/19/89-04/19/89	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/19/89-04/19/89	1	17000.	17000.	17000.	17000.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/19/89-04/19/89	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/19/89-04/19/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/19/89-04/19/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/19/89-04/19/89	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/19/89-04/19/89	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/19/89-04/19/89	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/19/89-04/19/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/19/89-04/19/89	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/19/89-04/19/89	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/19/89-04/19/89	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	04/19/89-04/19/89	1	120.	120.	120.	120.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/19/89-04/19/89	1	32600.	32600.	32600.	32600.	0.	0.	**	**	**	**
71820	DENSITY (GM/ML AT 20 C)	04/19/89-04/19/89	1	1.019	1.019	1.019	1.019	0.	0.	**	**	**	**
71865	IODIDE (MG/L AS I)	04/19/89-04/19/89	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	04/19/89-04/19/89	1	59.	59.	59.	59.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ASIS0317

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------10/15-3/15---------- Obs	Exceed	Prop.	----------3/16-6/30---------- Obs	Exceed	Prop.	----------7/01-10/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Marine Acute	95.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ASIS0318

NPS Station ID: ASIS0318
LAT/LON: 38.372698/ -75.083227
Agency: 21MDEXP
Date Created: 10/11/80
Location: 900 YDS EAST OF R "8" 4 FT DPTH
FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): XDN2450
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 02060010
Depth of Water: 0
Aquifer:
Major Basin: NORTH ATLANTIC
Elevation: 0
Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY
ECO Region:
RF1 Index: 02060010008
RF1 Mile Point: 3.950
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 02060010128200.48
RF3 Mile Point: 3.36
Distance from RF3: 0.21
On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT BAY RIVER MILE IS 3.29
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 900 YDS EAST OF R "8" 4 FT DPTH

Parameter Inventory for Station: ASIS0318

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ASIS0319

NPS Station ID: ASIS0319 LAT/LON: 38.377003/ -75.093948 Agency: 21MDEXP Date Created: 10/11/80
Location: 100YDS NORTH OF FL8,EAST OF ISLE OFWIGHT TAKE AT FIPS State/County: 24047 MARYLAND/WORCESTER
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): XDN2644
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 02060010 Depth of Water: 0 Aquifer:
Major Basin: NORTH ATLANTIC Elevation: 0 Water Body Id:
Minor Basin: UPPER CHESAPEAKE BAY ECO Region:
RF1 Index: 02060010008 RF1 Mile Point: 4.440 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 02060010001600.69 RF3 Mile Point: 0.69 Distance from RF3: 0.03 On/Off RF3:
Description:
02-13-01-03 ISLE OF WIGHT BAY DRAINAGE ISLE OF WIGHT RIVER MILE IS 3.60
RECEIVING TRIBUTARY IS ATLANTIC OCEAN 100YDS NORTH OF FL8,EAST OF ISLE OFWIGHT TAKE AT END OF MARKED CHANNEL

Parameter Inventory for Station: ASIS0319

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

EPA Water Quality Criteria Analysis for Entire ASIS Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	108	0	0.00	25	0	0.00	34	0	0.00	49	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	816	7	0.01	100	0	0.00	337	2	0.01	379	5	0.01			
00400	PH	Other-Hi Lim.	9.	48	0	0.00	10	0	0.00	19	0	0.00	19	0	0.00			
		Other-Lo Lim.	6.5	48	1	0.02	10	1	0.10	19	0	0.00	19	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	106	0	0.00	27	0	0.00	37	0	0.00	42	0	0.00			
		Other-Lo Lim.	6.5	106	1	0.01	27	0	0.00	37	1	0.03	42	0	0.00			
00406	PH, FIELD	Other-Hi Lim.	9.	691	0	0.00	71	0	0.00	293	0	0.00	327	0	0.00			
		Other-Lo Lim.	6.5	691	1	0.00	71	0	0.00	293	1	0.00	327	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	42	0	0.00	9	0	0.00	9	0	0.00	24	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	104	0	0.00	27	0	0.00	29	0	0.00	48	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	103	0	0.00	27	0	0.00	29	0	0.00	47	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	570	0	0.00	51	0	0.00	236	0	0.00	283	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						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	14	0	0.00				14	0	0.00						
		Drinking Water	5.	14	0	0.00				14	0	0.00						
		Marine Acute	43.	14	0	0.00				14	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	14	0	0.00				14	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	14	0	0.00				14	0	0.00						
		Drinking Water	1300.	14	0	0.00				14	0	0.00						
		Marine Acute	2.9	14	14	1.00				14	14	1.00						
01051	LEAD, TOTAL	Fresh Acute	82.	14	0	0.00				14	0	0.00						
		Drinking Water	15.	14	0	0.00				14	0	0.00						
		Marine Acute	220.	14	6	0.43				14	6	0.43						
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						
		Marine Acute	95.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	14	0	0.00				14	0	0.00						
		Drinking Water	5000.	14	0	0.00				14	0	0.00						
		Marine Acute	95.	14	0	0.00				14	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	58	1	0.02	15	0	0.00	19	0	0.00	24	1	0.04			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	7292	110	0.02	2411	49	0.02	2444	29	0.01	2437	32	0.01			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	23	0	0.00	9	0	0.00	14	0	0.00						
		Marine Acute	1.3	23	0	0.00	9	0	0.00	14	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	9	0	0.00	9	0	0.00									
		Drinking Water	0.2	9	0	0.00	9	0	0.00									
		Marine Acute	0.16	9	0	0.00	9	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	23	0	0.00	9	0	0.00	14	0	0.00						
		Drinking Water	2.	23	0	0.00	9	0	0.00	14	0	0.00						
		Marine Acute	0.09	23	0	0.00	9	0	0.00	14	0	0.00						
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	23	0	0.00	9	0	0.00	14	0	0.00						
		Marine Acute	3.6	23	0	0.00	9	0	0.00	14	0	0.00						
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	23	0	0.00	9	0	0.00	14	0	0.00						
		Marine Acute	14.	23	0	0.00	9	0	0.00	14	0	0.00						
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	23	0	0.00	9	0	0.00	14	0	0.00						
		Marine Acute	0.13	22 &	7	0.32	9	0	0.00	13	7	0.54						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	23	0	0.00	9	0	0.00	14	0	0.00						
		Marine Acute	0.71	23	0	0.00	9	0	0.00	14	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	9	0	0.00	9	0	0.00									
		Drinking Water	2.	9	0	0.00	9	0	0.00									
		Marine Acute	0.037	9	0	0.00	9	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	9	0	0.00	9	0	0.00									
		Drinking Water	3.	9	0	0.00	9	0	0.00									
		Marine Acute	0.21	9	0	0.00	9	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	23	0	0.00	9	0	0.00	14	0	0.00						
		Drinking Water	0.4	23	0	0.00	9	0	0.00	14	0	0.00						
		Marine Acute	0.053	23	0	0.00	9	0	0.00	14	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	9	0	0.00	9	0	0.00									
		Drinking Water	0.2	9	0	0.00	9	0	0.00									
		Marine Acute	0.053	9	0	0.00	9	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire ASIS Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/15-3/15 Obs	10/15-3/15 Exceed	10/15-3/15 Prop.	3/16-6/30 Obs	3/16-6/30 Exceed	3/16-6/30 Prop.	7/01-10/14 Obs	7/01-10/14 Exceed	7/01-10/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	9	0	0.00	9	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

There are STORET Data for Every Level I I&M Parameter Group Within the ASIS Study Area

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the ASIS Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1	1	0	0	1
		1	1	0	0	1 (1)[!]

pH		Total Obs.	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	48	1	39	8	3
00403	PH, LAB (STANDARD UNITS)	106	1	83	22	3
00406	PH, FIELD (STANDARD UNITS)	691	691	0	0	18
		845	693	122	30	24 (21)[!]

Conductivity		Total Obs.	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	605	605	0	0	18
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	4	1	3	0	2
00480	SALINITY - PARTS PER THOUSAND	1153	689	286	178	56
		1762	1295	289	178	76 (57)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00300	OXYGEN, DISSOLVED (MG/L)	816	699	89	28	20
		816	699	89	28	20 (20)[!]

Water Temperature		Total Obs.	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	976	699	177	100	31
		976	699	177	100	31 (31)[!]

Flow		Total Obs.	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00067	TIDE STAGE CODE	8883	0	5490	3393	0
		8883	0	5490	3393	0 (0)[!]

Clarity/Turbidity		Total Obs.	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	108	0	79	29	2
00078	TRANSPARENCY, SECCHI DISC (METERS)	232	220	12	0	10
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	674	595	58	21	20
		1014	815	149	50	32 (20)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Nitrate/Nitrogen		Total Obs.	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	555	555	0	0	18
00602	NITROGEN, DISSOLVED (MG/L AS N)	207	207	0	0	9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	563	563	0	0	18
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	104	0	76	28	2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	103	0	76	27	2
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	102	0	76	26	2
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	570	570	0	0	19
		2204	1895	228	81	70 (21)[!]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00665	PHOSPHORUS, TOTAL (MG/L AS P)	666	555	84	27	20
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	208	208	0	0	9
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	579	579	0	0	19
		1453	1342	84	27	48 (21)[!]

Chlorophyll		Total Obs.	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32230	CHLOROPHYLL A (MG/L)	534	534	0	0	18
		534	534	0	0	18 (18)[!]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00945	SULFATE, TOTAL (MG/L AS SO4)	1	1	0	0	1
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	2	1	1	0	2
		3	2	1	0	3 (2)[!]

Bacteria		Total Obs.	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	58	0	37	21	2
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	7292	227	3579	3486	105
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	614	0	614	0	30
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	95	0	51	44	16
		8059	227	4281	3551	153(106)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 10/21/94	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01027	CADMIUM, TOTAL (UG/L AS CD)	14	0	0	14	14
01034	CHROMIUM, TOTAL (UG/L AS CR)	14	0	0	14	14
01042	COPPER, TOTAL (UG/L AS CU)	14	0	0	14	14
01051	LEAD, TOTAL (UG/L AS PB)	14	0	0	14	14
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	1	0	0	1
01092	ZINC, TOTAL (UG/L AS ZN)	14	0	0	14	14
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	23	0	0	23	14
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	9	0	0	9	9
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	23	0	0	23	14
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	23	0	0	23	14
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	23	0	0	23	14
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	23	0	0	23	14
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	23	0	0	23	14
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	9	0	0	9	9
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	23	0	0	23	14
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	9	0	0	9	9
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	9	0	0	9	9
		268	1	0	267	205 (15)[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	1	1	100.0	1	0.8	1.0	04/19/89-04/19/89	1.0[!]
pH	845	693	82.0	21	16.0	40.2	10/08/69-10/21/94	33.7
Conductivity	1762	1295	73.5	57	43.5	30.9	01/03/66-10/21/94	61.2
Dissolved Oxygen	816	699	85.7	20	15.3	40.8	10/08/69-10/21/94	32.6
Water Temperature	976	699	71.6	31	23.7	31.5	01/03/66-10/21/94	33.9
Flow	8883	0	0.0	0	0.0	0.0	No Data For Group	0.0
Clarity/Turbidity	1014	815	80.4	20	15.3	50.7	10/08/69-09/16/94	40.7
Nitrate/Nitrogen	2204	1895	86.0	21	16.0	105.0	09/14/70-09/16/94	91.8
Phosphate/Phosphorus	1453	1342	92.4	21	16.0	69.2	09/14/70-09/16/94	60.5
Chlorophyll	534	534	100.0	18	13.7	29.7	05/09/88-09/16/94	84.0
Sulfates/Total Dissolved Solids/Hardness	3	2	66.7	2	1.5	1.5	06/26/78-04/19/89	0.3
Bacteria	8059	227	2.8	106	80.9	76.0	08/25/64-10/22/90	308.1
Toxic Elements	268	1	0.4	15	11.5	17.9	06/16/71-04/19/89	15.0

[!]Period of record for this parameter group was less than one year. Value shown is the total observations.

Water Quality Observations
Outside STORET Edit Criteria for ASIS

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
ASIS0228	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710618	1340	1200.0000000	11121SWQ	SINEPUXENT-14	
ASIS0232	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710618	1330	1200.0000000	11121SWQ	SINEPUXENT-13	
ASIS0237	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710617	1445	1200.0000000	11121SWQ	ASSATEAGUE-12	
ASIS0241	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710616	1450	1200.0000000	11121SWQ	SINEPUXENT-11	
ASIS0244	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710616	1500	1200.0000000	11121SWQ	SINEPUXENT-10	
ASIS0262	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710616	1440	1200.0000000	11121SWQ	ASSATEAGUE-09	
ASIS0265	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710616	1420	1200.0000000	11121SWQ	SINEPUXENT-08	
ASIS0267	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710616	1400	1200.0000000	11121SWQ	SINEPUXENT-07	
ASIS0269	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710616	1403	1200.0000000	11121SWQ	ASSATEAGUE-06	
ASIS0274	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710616	1407	1200.0000000	11121SWQ	SINEPUXENT-05	
ASIS0276	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710617	0947	1200.0000000	11121SWQ	SINEPUXENT-04	
ASIS0283	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710616	1353	1200.0000000	11121SWQ	ASSATEAGUE-03	
ASIS0288	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710616	1358	1200.0000000	11121SWQ	SINEPUXENT-02	
ASIS0290	00927	MAGNESIUM, TOTAL (MG/L AS MG)	710617	0950	1200.0000000	11121SWQ	SINEPUXENT-01	
ASIS0317	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	890419	1200	1100.0000000	112WRD	382212075040501	
ASIS0317	00930	SODIUM, DISSOLVED (MG/L AS NA)	890419	1200	8400.0000000	112WRD	382212075040501	
ASIS0317	00935	POTASSIUM, DISSOLVED (MG/L AS K)	890419	1200	280.0000000	112WRD	382212075040501	
ASIS0317	00945	SULFATE, TOTAL (MG/L AS SO4)	890419	1200	2600.0000000	112WRD	382212075040501	
ASIS0317	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	890419	1200	32600.0000000	112WRD	382212075040501	

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) ASISTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) ASISSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) ASISAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) ASISAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) ASISOV0.DOC - Overview of park and retrieved data.

(e) ASISOV1.DOC - Station period of record table.

(f) ASISOV2.DOC - Parameter period of record table.

(g) ASISOV3.DOC - Station/parameter period of record table.

(h) ASISINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) ASISSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) ASISEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) ASISIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) ASISBAD.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 ASISOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\ASISOV1.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) ASISFIGS.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 ASIS0001. 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 ASIS0001) 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) ASISPARM.ZIP

This file compresses ASISPARM.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) ASISSITE.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) ASISWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) ASISIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) ASISDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) ASISGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) ASISDAMS.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) ASISMISC.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) ASISEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) ASISTOC.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) ASISREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) ASISWQ - 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 (ASISWQA, ASISWQB, ASISWQC, etc.) and the index map name will end with an ampersand (&).

(g) ASISIDG - 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 (ASISIDGA, ASISIDGB, ASISIDGC, 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) ASISSEHY - 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 ASISFIGS.ZIP and ASISTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in ASISMISC.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) ASISRF3.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) ASISWQMW.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: ASISPARM.DBF in ASISPARM.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: ASISPARM.DBF in ASISPARM.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: ASISPARM.DBF in ASISPARM.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: ASISWQ.DBF in ASISSITE.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: ASISWQ.DBF in ASISSITE.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: ASISIFD.DBF in ASISSITE.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: ASISIFD.DBF in ASISSITE.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: ASISIFD.DBF in ASISSITE.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: ASISDRIN.DBF in ASISSITE.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: ASISDRIN.DBF in ASISSITE.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: ASISDRIN.DBF in ASISSITE.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: ASISGAGE.DBF in ASISSITE.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: ASISGAGE.DBF in ASISSITE.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: ASISDAMS.DBF in ASISSITE.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: ASISDAMS.DBF in ASISSITE.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: ASISDAMS.DBF in ASISSITE.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: ASISDAMS.DBF in ASISSITE.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 ASISRF3.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 ASISRF3.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 ASISRF3.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 ASISRF3.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 ASISRF3.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 ASISRF3.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
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
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
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
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
7440020	81752	1400+	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
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
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide

Footnote Key:

[*]Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

[+]Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

[***]pH Dependent Criteria (7.8 pH Used).

[=]Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

[^]Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

[#]EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

[!]Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
STORET Code	**Conductivity Parameter Group**	**C.A.S. Number**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
STORET Code	**Dissolved Oxygen Parameter Group**	**C.A.S. Number**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
STORET Code	**pH Parameter Group**	**C.A.S. Number**
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (µEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-

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
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
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
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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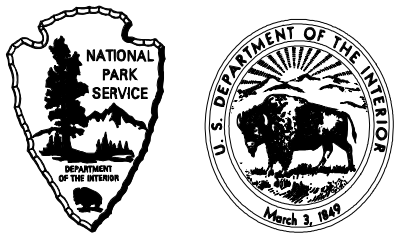
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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

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